

AD-A240 416

USAFETAC/DS-91/238

2



SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

BEALE AFB, CA

Prepared by

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723



FEBRUARY 1991

**APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED**

91-10646

**USAF
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER**

Scott Air Force Base, Illinois, 62225-5438

REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-91/238 SURFACE OBSERVATION CLIMATIC SUMMARIES FOR
BEALE AFB CA, OCTOBER 1990, HAS BEEN REVIEWED AND IS APPROVED
FOR PUBLIC RELEASE. THERE IS NO OBJECTION TO UNLIMITED DISTRIBUTION
OF THIS DOCUMENT TO THE PUBLIC AT LARGE, OR BY THE DEFENSE TECHNICAL
INFORMATION CENTER (DTIC) TO THE NATIONAL TECHNICAL INFORMATION SERVICE
(NTIS).

JOSEPH L. BOYTE
CHIEF, CLIMATIC APPLICATIONS, OL-A

FOR THE COMMANDER

WALTER S. BURGMANN
SCIENTIFIC AND TECHNICAL INFORMATION
PROGRAM MANAGER

28 MAY 1931

II

Approved For
SAC, Miami
Date: 1/15/83
Reason: 1.0
Justification:

by
Special Agent
1.0
Special Agent
A-1

REPORT DOCUMENTATION PAGE

2. REPORT DATE: FEBRUARY 1991
3. REPORT TYPE AND DATES COVERED: DATA SUMMARY, JULY 1959 TO MAY 1990
4. TITLE AND SUBTITLE: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR BEALE AFB, CALIFORNIA
7. PERFORMING ORGANIZATION NAME AND ADDRESS: OPERATING LOCATION A, USAFETAC, FEDERAL BUILDING, ASHEVILLE, NC 28801-2723
8. PERFORMING ORGANIZATION REPORT NUMBER: USAFETAC/DS-91/238
9. SPONSORING/MONITORING AGENCY NAME AND ADDRESS: USAF ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER (USAFETAC), SCOTT AFB, IL 62225-5438
11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs). EXISTING RUSSWOS AND LISOCs WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.
- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
14. SUBJECT TERMS: CLIMATOLOGY, METEOROLOGICAL DATA, ATMOSPHERIC PHENOMENA, WEATHER, SOCS, BEALE AFB, CALIFORNIA, CEILING, CLOUD COVER, SNOW DEPTH, HUMIDITY, PRESSURE, PRECIPITATION, SNOW TEMPERATURE, VISIBILITY, WIND.
15. NUMBER OF PAGES: 375
17. SECURITY CLASSIFICATION OF REPORT: UNCLASSIFIED
18. SECURITY CLASSIFICATION OF THIS PAGE: UNCLASSIFIED
19. SECURITY CLASSIFICATION OF ABSTRACT: UNCLASSIFIED
20. LIMITATION OF ABSTRACT: UL

DTIC STANDARD FORM 298

III

PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCs (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCs NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCs." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

CONTENTS

INTRODUCTION.....	1
STATION PERIOD OF RECORD.....	1
DATA SOURCES.....	1
TERMS EXPLAINED.....	1
TIME CONVENTIONS.....	2
ABBREVIATIONS.....	2
SUMMARY DESCRIPTIONS.....	2
STATION HISTORY.....	3
PART A - ATMOSPHERIC PHENOMENA SUMMARIES.....	A-1-1
SPECIFIED PHENOMENA	
PERCENT OCCURRENCE FREQUENCY (FROM HOURLY OBS).....	A-2-1
PERCENT OCCURRENCE FREQUENCY (FROM SOD DATA).....	A-3-1
PERCENT OCCURRENCE FREQUENCY (THUNDERSTORMS)....	A-4-1
VERSUS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.....	A-5-1
PART B - PRECIPITATION, SNOWFALL, AND SNOW DEPTH.....	B-1-1
PRECIPITATION	
PERCENT OCCURRENCE FREQUENCY.....	B-2-1
MONTHLY TOTALS.....	B-2-2
DAILY EXTREMES.....	B-2-3
SNOWFALL	
PERCENT OCCURRENCE FREQUENCY.....	B-3-1
MONTHLY TOTALS.....	B-3-2
DAILY EXTREMES.....	B-3-3
SNOW DEPTH	
PERCENT OCCURRENCE FREQUENCY.....	B-4-1
DAILY EXTREMES.....	B-4-2
SNOWFALL/SNOW DEPTH	
FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR.....	B-5-1
PART C - SURFACE WIND	
PEAK WINDS (FROM SOD DATA).....	C-2-1
PEAK WINDS--PERCENT OCCURRENCE FREQUENCY (FROM SOD DATA).....	C-3-1
WIND DIRECTION VS WIND SPEED--POF (FROM HOURLY OBS).....	C-4-1
PART D - CEILING, VISIBILITY AND SKY COVER	
CEILING VS VISIBILITY--POF (FROM HOURLY OBS).....	D-2-1
SKY COVER--POF (FROM HOURLY OBS).....	D-3-1

PART E - TEMPERATURE AND RELATIVE HUMIDITY.....	E-1-1
TEMPERATURES--CUMULATIVE POF (FROM SOD DATA)	
MAXIMA.....	E-2-1
MINIMA.....	E-2-2
MEAN.....	E-2-3
MONTHLY TEMPERATURES (FROM SOD DATA)	
MAXIMA.....	E-3-1
MINIMA.....	E-3-2
MEAN.....	E-4-1
DRY BULB, WET BULB, DEW POINT TEMPERATURES (FROM HOURLY OBS)	
DRY BULB.....	E-5-1
WET BULB.....	E-5-2
DEW POINT.....	E-5-3
RELATIVE HUMIDITY (FROM HOURLY OBS)	
CUMULATIVE PERCENT OCCURRENCE FREQUENCY.....	E-6-1
PART F - PRESSURE (FROM HOURLY OBS).....	F-1-1
SEA LEVEL PRESSURE.....	F-2-1
ALTIMETER SETTING.....	F-3-1
STATION PRESSURE.....	F-4-1
PART G - CROSSWIND SUMMARIES (FROM HOURLY OBS).....	G-1-1
PERCENT OCCURRENCE FREQUENCY.....	G-2-1
PART H - DEGREE DAY SUMMARIES (FROM HOURLY OBS).....	H-1-1
HEATING DEGREE DAYS.....	H-2-1
COOLING DEGREE DAYS.....	H-3-1

*** NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS ***

INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: JUN 80 - MAY 90 (AIRWAYS).

SUMMARY OF DAY DATA: JUL 59 - MAY 90 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SCD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

NOTE: OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. THIS INFORMATION IS PRESENTED ON THE AWS CLIMATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION HISTORY (DATA SUPPLIED BY AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).

STATION NO. ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		FLD ELEV (FT)		CALL SIGN		WMO NMNR	
724831		BEALE AFB, CALIFORNIA		N 39 08		W 121 27		113		BAB			

STATION LOCATION AND INSTRUMENTATION HISTORY									
Nmbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Maryville AAF, CA	AAF	Aug 43	Oct 44	N 39 06	W 121 34	74	67	24
2	Beale AFB, CA	AFB	Jul 59	Apr 62	N 39 07	W 121 26	113	124	24
3	Same	Same	May 62	Dec 70	Same	Same	Same	126	24
4	Same	Same	Jan 71	Dec 84	Same	Same	Same	Same	24
5	Same	Same	Jan 85	Jan 88	N 39 08	W 121 27	Same	Same	24

Nmbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Aug 43- Oct 44	SE corner of baseops bldg	Anemometer	N/A	20 ft	26 Aug 83 - Runway headings changed to 150 and 330 magnetic vice 140 and 320.
2	Jul 59	250' S of BWS, 2300' ENE ctrlin	AN/GMQ-1A	N/A	11 ft	
3	Sep 60	1450' SE of end rnwy 15	AN/GMQ-11	RO-2	13 ft	
4	Oct 63	1. 500' SW ctrlin, 1000' SSE of end rnwy 33	Same	Same	Same	
		2. 1450' SE end rnwy 14, 500' from ctrline	Same		Same	
5	Oct 70	1. 500' SW ctrlin, 1700' S of end rnwy 15	AN/GMQ-20	RO-362	13 ft	
		2. 500' SW ctrlin, 1000' N of end rnwy 33	Same		13 ft	
6	Jan 88	1. Same	Same	Same	Same	
		2. Same				

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	AAAAAAAAA
Pt	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

A - 1 - 1

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRI. (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		11.4				11.4	35.5	1.4			48.3	930
03-05		12.8				12.8	38.0	.1			50.9	930
06-08		13.8				13.8	43.4	.5			57.7	930
09-11		9.5				9.5	40.9	6.7		.1	57.1	930
12-14	.1	8.1				8.1	31.9	10.3		.1	50.4	930
15-17	.2	11.4			.1	11.5	26.9	12.7			51.1	930
18-20	.1	10.1				10.1	29.5	7.4			47.0	930
21-23		9.1				9.1	30.0	4.5		.1	43.8	930
ALL HOURS	.1	10.8			.0	10.8	34.5	5.5		.0	50.8	7440

MONTH: FEB

00-02	.1	9.7				9.7	4.8	2.0			16.5	846
03-05		8.4				8.4	6.6	.8			15.8	846
06-08		9.8		.1		9.9	10.8	.6			21.3	846
09-11	.1	9.8		.4		10.2	11.3	1.5			23.0	846
12-14		10.2		.1		10.3	7.0	4.7			22.0	846
15-17	.1	10.3				10.3	6.1	6.4			22.8	846
18-20	.1	9.3				9.3	5.2	5.0			19.5	846
21-23		9.3				9.3	5.6	3.2			18.1	846
ALL HOURS	.1	9.6		.1		9.7	7.2	3.0			19.9	6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		10.6				10.6	4.0	.3			14.9	930
03-05		13.0				13.0	5.3	.1			18.4	930
06-08		14.3				14.3	9.0	.4			23.8	930
09-11		12.0		.1		12.2	8.4	2.0			22.6	930
12-14	.1	10.9		.2	.2	11.3	5.7	3.7			20.6	930
15-17	.4	11.5				11.5	4.5	2.6			18.6	930
18-20	.4	12.5				12.5	4.6	1.4			18.5	930
21-23	.1	10.1				10.1	3.0	.6			13.8	930
ALL HOURS	.1	11.9		.0	.0	11.9	5.6	1.4			18.9	7440

MONTH: APR

00-02		6.1				6.1	.3	.2			6.7	900
03-05		5.2				5.2	1.0				6.2	900
06-08		5.2				5.2	5.1	.6			10.9	900
09-11		4.9				4.9	2.9	.6			8.3	900
12-14	.3	5.0				5.0	.6	.6			6.1	900
15-17	.6	5.2				5.2	.3	.7			6.2	900
18-20	.3	5.0				5.0	.2	.8			6.0	900
21-23		5.4				5.4	.7				6.1	900
ALL HOURS	.2	5.3				5.3	1.4	.4			7.1	7200

A - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.1	2.7				2.7	.3				3.0	930
03-05	.2	2.8				2.8	.3				3.1	930
06-08		2.4				2.4	.5	.3			3.2	930
09-11		2.4				2.4	.3	.1			2.8	930
12-14		1.6				1.6	.5				2.3	930
15-17	.1	2.0				2.0	.2	.2			2.5	928
18-20	.8	3.1				3.1	.1				3.2	927
21-23	.2	2.9				2.9	.2				3.1	927
ALL HOURS	.2	2.5				2.5	.3	.1			2.9	7432

MONTH: JUN

00-02	.3	1.3				1.3					1.3	900
03-05	.6	1.9				1.9	.1				2.0	900
06-08	.2	1.3				1.3	.3	.4			2.1	900
09-11	.1	.3				.3					.3	900
12-14	.1							.1			.1	900
15-17	.1	.6				.6		.4			1.0	900
18-20		1.1				1.1					1.1	900
21-23	.1	1.0				1.0				.1	1.1	900
ALL HOURS	.2	.9				.9	.1	.1		.0	1.1	7200

A - 2 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL

HOURS (LST)	TSIMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.1	.1				.1					.1	930
03-05		.1				.1					.1	930
06-08		.2				.2		.5			.8	930
09-11		.4				.4		.3			.8	930
12-14		.6				.6	.2	.2			1.1	930
15-17		.4				.4		.6		.2	1.3	930
18-20	.1							.8		.3	1.1	930
21-23	.2											930
ALL HOURS	.1	.2				.2	.0	.3		.1	.6	7440

MONTH: AUG

00-02	.4	.3				.3					.3	930
03-05	.5	.8				.8	.1				.9	930
06-08	.4	.4				.4	.1	.1			.6	930
09-11	.1											930
12-14	.2	.3				.3	.2				.5	930
15-17	.1	.6				.6		.1			.8	930
18-20		.1				.1					.1	930
21-23												930
ALL HOURS	.2	.3				.3	.1	.0			.4	7440

A - 2 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		1.9				1.9	.4	1.4			3.8	900
03-05	.2	1.4				1.4	.8	1.7			3.9	900
06-08	.4	2.1				2.1	1.7	4.1			7.9	900
09-11	.2	2.0				2.0	.7	4.8		.3	7.8	900
12-14	.2	2.9				2.9	.6	6.1		.6	10.1	900
15-17		2.0				2.0	.3	4.9		.4	7.7	900
18-20	.1	2.3				2.3		3.3			5.7	900
21-23		1.3				1.3	.1	1.8			3.2	900
ALL HOURS	.2	2.0				2.0	.6	3.5		.2	6.3	7200

MONTH: OCT

00-02	.2	4.2				4.2	1.5	.5			6.2	930
03-05		2.7				2.7	2.4	.9			5.9	930
06-08	.1	2.6				2.6	4.5	1.0			8.1	930
09-11		4.2				4.2	2.9	2.5			9.6	930
12-14		3.2				3.2	1.3	7.4			11.9	930
15-17	.1	4.0				4.0	1.3	9.6			14.8	930
18-20	.1	3.8				3.8	1.5	5.1			10.3	930
21-23	.3	4.0				4.0	1.4	1.2			6.6	930
ALL HOURS	.1	3.6				3.6	2.1	3.5			9.2	7440

A - 2 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV

HOURS (LST)	TSIMS	L LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		11.9				11.9	12.7	2.1			26.7	900
03-05	.1	11.6				11.6	16.0	1.6			29.1	900
06-08		13.0				13.0	21.7	1.9			36.6	900
09-11		12.0				12.0	21.6	4.3			37.9	900
12-14	.1	11.2				11.2	15.0	6.9			33.1	900
15-17		10.8				10.8	12.0	10.9			33.7	900
18-20	.1	11.3				11.3	11.4	5.7			28.4	900
21-23		11.1				11.1	11.2	3.7			26.0	900
ALL HOURS	.0	11.6				11.6	15.2	4.6			31.4	7200

MONTH: DEC

00-02		10.5		.1		10.6	37.1	3.3			51.1	930
03-05		12.5				12.5	40.2	2.5			55.2	930
06-08		13.3		.1		13.4	42.8	2.3			58.5	930
09-11		12.6		.2		12.8	43.3	4.5			60.6	930
12-14		11.1		.1		11.2	31.5	10.9			53.5	930
15-17		10.5				10.5	30.8	14.5			55.8	930
18-20		9.2				9.2	34.0	7.5			50.8	930
21-23		9.5				9.5	35.2	4.4			49.0	930
ALL HOURS		11.2		.1		11.2	36.9	6.2			54.3	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.1	10.8			.0	10.8	34.5	5.5		.0	50.8	7440
FEB	.1	9.6		.1		9.7	7.2	3.0			19.9	6768
MAR	.1	11.9		.0	.0	11.9	5.6	1.4			18.9	7440
APR	.2	5.3				5.3	1.4	.4			7.1	7200
MAY	.2	2.5				2.5	.3	.1			2.9	7432
JUN	.2	.9				.9	.1	.1		.0	1.1	7200
JUL	.1	.2				.2	.0	.3		.1	.6	7440
AUG	.2	.3				.3	.1	.0			.4	7440
SEP	.2	2.0				2.0	.6	3.5		.2	6.3	7200
OCT	.1	3.6				3.6	2.1	3.5			9.2	7440
NOV	.0	11.6				11.6	15.2	4.6			31.4	7200
DEC		11.2		.1		11.2	36.9	6.2			54.3	7440
ANNUAL	.1	5.8		.0	.0	5.8	8.7	2.4		.0	16.9	87640

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: +08

PERIOD OF RECORD: 5907-9005

MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.9	44.4	.3	.7	.4	44.6	63.4	32.0			81.2	961
FEB	3.3	39.0		.5	.7	39.2	36.4	23.5			59.8	876
MAR	2.7	37.0		.8	.8	37.0	20.2	10.1			47.5	961
APR	3.8	25.5			1.7	25.5	7.7	4.2			29.5	930
MAY	2.5	15.4			.3	15.4	4.4	3.0			18.2	961
JUN	2.3	8.1				8.1	1.7	2.1			10.3	900
JUL	.8	2.9				2.9	.3	1.0			4.0	961
AUG	2.2	5.3				5.3	.5	2.2			7.4	961
SEP	1.6	10.3			.1	10.3	3.3	8.2			19.2	930
OCT	2.6	16.9				16.9	13.7	27.6			42.7	961
NOV	1.3	37.1		.1	.5	37.1	44.1	31.2			66.7	930
DEC	.5	42.2	.2	.7	.2	42.4	64.7	33.5			81.3	961
ANNUAL	2.1	23.7	.0	.2	.4	23.7	21.7	14.9			39.0	11293

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837 STATION NAME: BEALE AFB/MARYSVILLE CA PERIOD OF RECORD: JUN 80 - MAY 90
LST TO UTC: + 8

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02		.1			.1	.3	.1	.4		.2		
03-05					.2	.6		.5	.2		.1	
06-08						.2		.4	.4	.1		
09-11		.1				.1		.1	.2			
12-14	.1		.1	.3		.1		.2	.2		.1	
15-17	.2	.1	.4	.6	.1	.1		.1		.1		
18-20	.1	.1	.4	.3	.8		.1		.1	.1	.1	
21-23			.1		.2	.1	.2			.3		
ALL HOURS	.1	.1	.1	.2	.2	.2	.1	.2	.2	.1	.0	
TOTAL OBS	7440	6768	7440	7200	7432	7200	7440	7440	7200	7440	7200	7440

A - 4 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS				80.0	20.0		5
LIQUID PRECIP	11.7		17.0	25.7	37.2	8.4	798
FREEZING PRECIP							
FROZEN PRECIP							
FOG	31.3		21.3	14.4	23.5	9.5	2553
FOG WITH VIS GE 1/2 MILES	28.6		22.0	15.2	24.1	10.1	1924
TOTAL OBS	1932	0	1810	1347	1636	715	7440

MONTH: FEB HOURS: ALL

TSTMS					100.0		4
LIQUID PRECIP	8.2		5.1	27.4	55.7	3.6	646
FREEZING PRECIP							
FROZEN PRECIP					100.0		5
FOG	20.6		15.7	20.0	36.3	7.4	471
FOG WITH VIS GE 1/2 MILES	20.0		12.1	21.0	39.3	7.6	420
TOTAL OBS	1601	0	1680	1218	1538	731	6768

A - 5 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS			30.0	40.0	20.0	10.0	10
LIQUID PRECIP	4.2		6.5	32.4	54.4	2.5	880
FREEZING PRECIP							
FROZEN PRECIP					100.0		3
FOG	15.5		11.4	23.4	44.7	5.1	414
FOG WITH VIS GE 1/2 MILES	13.6		10.5	23.8	47.1	5.1	391
TOTAL OBS	1190	0	1331	1730	2448	741	7440

MONTH: APR HOURS: ALL

TSTMS			18.2	27.3	27.3	27.3	11
LIQUID PRECIP	3.2		3.5	34.2	56.6	2.4	371
FREEZING PRECIP							
FROZEN PRECIP							
FOG	10.0		16.0	20.0	48.0	6.0	100
FOG WITH VIS GE 1/2 MILES	9.3		14.4	20.6	49.5	6.2	97
TOTAL OBS	1212	0	1293	1464	2446	785	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS			15.4	23.1	30.8	30.8	13
LIQUID PRECIP	.6		1.1	33.5	62.0	2.8	179
FREEZING PRECIP							
FROZEN PRECIP							
FOG				16.0	80.0	4.0	25
FOG WITH VIS GE 1/2 MILES				16.0	80.0	4.0	25
TOTAL OBS	1149	0	996	1152	3057	1078	7132

MONTH: JUN HOURS: ALL

TSTMS					100.0		14
LIQUID PRECIP	6.6		8.2	32.8	49.2	3	61
FREEZING PRECIP							
FROZEN PRECIP							
FOG	50.0				50.0		4
FOG WITH VIS GE 1/2 MILES	50.0				50.0		4
TOTAL OBS	877	0	701	770	3788	1064	7200

A - 5 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 124837 STATION NAME: BEALE AFB/MARYSVILLE CA PERIOD OF RECORD: JUN 60 - MAY 90
LST TO UTC. + 8 MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS				25.0	75.0		4
LIQUID PRECIP	5.6		11.1	11.1	66.7	5.6	18
FREEZING PRECIP							
FROZEN PRECIP							
FOG					100.0		2
FOG WITH VIS GE 1/2 MILES					100.0		2
TOTAL OBS	1133	0	460	771	4015	1061	7440

MONTH: AUG HOURS: ALL

TSTMS	5.9		11.8	29.4	29.4	23.7	17
LIQUID PRECIP	7.1		14.3	21.4	57.1		14
FREEZING PRECIP							
FROZEN PRECIP							
FOG	25.0			25.0	25.0	25.0	4
FOG WITH VIS GE 1/2 MILES	25.0			25.0	25.0	25.0	4
TOTAL OBS	1277	0	431	773	3946	1013	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS			27.3		63.6	9.1	11
LIQUID PRECIP	7.9		7.9	31.4	46.4	6.4	140
FREEZING PRECIP							
FROZEN PRECIP							
FOG	10.0		20.0	27.5	32.5	10.0	40
FOG WITH VIS GE 1/2 MILES	10.0		20.0	27.5	32.5	10.0	40
TOTAL OBS	1671	0	1149	974	2447	959	7200

MONTH: OCT HOURS: ALL

TSTMS			12.5	37.5	37.5	12.5	8
LIQUID PRECIP	5.0		8.5	32.8	49.4	4.2	259
FREEZING PRECIP							
FROZEN PRECIP							
FOG	11.5		32.1	16.7	32.7	7.1	156
FOG WITH VIS GE 1/2 MILES	8.7		32.9	17.4	33.6	7.4	149
TOTAL OBS	2067	0	1604	1240	1615	914	7440

A - 5 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS	33.3				33.3	33.3	3
LIQUID PRECIP	8.6		15.4	26.9	43.9	5.2	833
FREEZING PRECIP							
FROZEN PRECIP							
FOG	19.4		23.3	16.0	33.7	7.6	1089
FOG WITH VIS GE 1/2 MILES	19.0		22.3	15.9	35.0	7.7	1036
TOTAL OBS	1926	0	1684	1283	1630	677	0 7200

MONTH: DEC HOURS: ALL

TSTMS							
LIQUID PRECIP	10.8		16.7	28.8	37.2	6.3	830
FREEZING PRECIP							
FROZEN PRECIP	20.0			20.0	60.0		5
FOG	32.4		23.1	14.5	21.2	8.8	2718
FOG WITH VIS GE 1/2 MILES	27.4		24.9	15.1	22.3	10.4	1883
TOTAL OBS	2047	0	1955	1240	1523	675	0 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS	2.0		13.0	23.0	47.0	15.0	100
LIQUID PRECIP	7.7		10.9	29.3	47.2	4.9	5029
FREEZING PRECIP							
FROZEN PRECIP	7.7			7.7	84.6		13
FOG	27.5		21.4	15.7	26.9	8.5	7576
FOG WITH VIS GE 1/2 MILES	23.9		21.5	16.5	29.0	9.1	5975
TOTAL OBS	18082	0	15094	13962	30089	10413	0 87640

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	BBBBBBBB
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	BBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	BBBBBBBB
PP	AAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBB

B - 1 - 1

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN PERIOD.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: +08

PERIOD OF RECORD: 5907-9005
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	55.4	60.7	63.0	74.5	84.7	91.9	97.1	94.7	89.7	83.1	62.9	57.6	76.3
TRACE	12.6	9.6	7.4	6.3	6.1	3.6	1.9	3.3	4.3	4.9	9.9	13.0	6.9
.01	3.3	1.8	1.8	1.7	.9	.6	.3	.3	.4	1.2	1.0	2.1	1.3
.02-.05	5.2	3.5	4.8	3.5	2.3	1.1	.2	.4	1.6	2.7	3.3	5.5	2.9
.06-.10	2.8	4.1	2.4	2.7	1.1	.7	.2	.4	1.1	1.4	2.0	2.4	1.8
.11-.25	5.3	5.7	6.5	3.2	2.9	1.4	.2	.2	1.1	2.2	6.2	6.2	3.4
.26-.50	5.2	5.9	6.6	4.4	1.4	.6		.5	.9	1.9	4.6	6.3	3.2
.51-1.00	6.8	6.1	6.0	2.5	.2	.2			.6	1.5	6.8	5.1	3.0
1.01-2.50	3.2	2.3	1.7	1.1	.3		.1	.1	.3	.9	2.9	1.7	1.2
2.51-5.00	.2	.2								.1	.3		.1
5.01-10.00										.1			.0
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	32.0	29.7	29.7	19.1	9.2	4.6	1.0	2.0	6.0	12.0	27.2	29.3	16.8
TOTAL NO. OF OBSERVATIONS	961	876	961	930	961	900	961	961	930	961	930	961	11293

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: +08

PERIOD OF RECORD: 5907-9005
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
59							.00	TRACE	2.30	.00	TRACE	1.73	4.03*
60	4.96	4.69	4.25	2.32	1.29	.00	TRACE	TRACE	.10	.08	6.66	1.32	25.67
61	3.35	2.79	3.90	.72	1.05	TRACE	.00	.04	.13	.16	3.27	2.13	17.54
62	1.72	10.33	2.81	.87	.39	TRACE	TRACE	.03	.08	11.01	1.01	3.36	31.61
63	4.00	2.26	4.88	5.94	1.04	.14	.00	.00	.27	2.21	6.55	.55	27.84
64	4.74	.54	2.00	.28	.65	.26	.01	.02	.00	1.26	3.69	4.99	18.44
65	3.93	.41	.98	3.25	.11	.05	TRACE	1.03	.16	.06	6.07	2.55	18.60
66	3.17	2.12	.75	2.58	.29	.08	TRACE	TRACE	TRACE	.00	8.22	3.66	20.87
67	8.76	.58	4.38	4.57	.34	.95	TRACE	.00	.32	.41	2.81	1.70	24.82
68	5.00	5.13	3.07	.29	.50	1.39	TRACE	.42	.03	1.67	5.09	4.25	26.84
69	9.51	7.51	1.02	1.44	.00	.28	.09	.00	.00	1.44	.82	6.54	28.65
70	7.72	2.31	2.20	.15	TRACE	.33	.00	.00	.00	1.11	6.65	5.74	26.21
71	1.19	.17	3.19	.59	.86	.24	.00	TRACE	.07	.24	1.81	4.50	12.86
72	.74	1.84	.31	1.35	.49	.37	.00	.00	1.38	1.37	5.92	3.21	16.98
73	9.41	7.02	3.45	.16	.08	TRACE	.00	.00	.39	2.11	8.92	3.49	35.03
74	3.58	1.66	5.02	1.50	.04	.35	1.86	TRACE	.00	1.47	1.70	2.71	19.89
75	1.75	7.78	6.15	1.35	.07	.13	.01	.19	TRACE	2.33	1.53	1.53	22.82
76	.86	1.86	1.04	2.17	.00	.02	.00	.63	.59	.04	.77	.39	8.37
77	1.41	1.44	1.05	.42	1.05	.00	.11	TRACE	.73	.10	1.68	4.15	12.14
78	7.94	2.72	5.11	4.34	.03	.03	.00	TRACE	.75	TRACE	3.86	.71	25.49
79	4.82	6.32	2.35	2.09	.25	.00	.12	TRACE	TRACE	2.03	2.55	3.09	23.62
80	4.37	6.75	1.34	.92	.33	.12	.09	TRACE	.00	.31	.58	3.51	18.32
81	5.26	.91	5.00	.99	.39	.00	TRACE	.00	.84	2.62	7.87	5.39	29.27
82	4.31	2.52	6.24	4.71	.07	.13	.00	TRACE	1.02	3.30	5.49	2.69	30.48
83	4.69	5.07	6.86	3.93	.17	.24	TRACE	.15	.69	1.24	7.61	7.83	38.48
84	.42	2.07	1.65	.76	1.21	.36	TRACE	.37	.13	2.19	5.45	1.55	16.16
85	.82	1.15	2.40	.02	TRACE	TRACE	TRACE	.04	.80	.47	4.70	2.26	12.66
86	4.44	7.63	4.27	.51	.40	.00	.04	.00	.76	.46	.34	1.81	20.66
87	2.87	3.74	3.79	.10	.29	.00	.00	.00	.00	.61	3.14	3.59	18.13
88	3.31	.22	.18	3.00	.93	.32	TRACE	.00	TRACE	.02	5.80	3.06	16.84
89	1.82	1.64	7.93	.79	.33	.68	.00	.27	2.73	2.15	1.24	.00	19.58
90	6.13	2.57	1.86	.47	2.74								13.77*

B - 2 - 2A

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5907-9005
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.42	.17	.18	.02	.00	.00	.00	.00	.00	.00	TRACE	.00	8.37
GREATEST	9.51	10.33	7.93	5.94	2.74	1.39	1.86	1.03	2.73	11.01	8.92	7.83	38.48
MEAN	4.10	3.35	3.21	1.70	.50	.21	.07	.10	.46	1.37	3.93	3.03	22.16
MEDIAN	4.00	2.31	3.07	.99	.33	.13	TRACE	TRACE	.13	1.11	3.69	3.06	20.77
SD	2.566	2.721	2.044	1.609	.574	.313	.333	.229	.668	2.029	2.661	1.827	7.046
TOTAL OBS	961	876	961	930	961	900	961	961	930	961	930	961	11293

THE GREATEST VALUE OF 11.01 OCCURRED ON 10/62

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: +08

PERIOD OF RECORD: 5907-9005
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
59							.00	TRACE	1.98	.00	TRACE	.78	1.98*
60	.82	1.72	1.05	.82	1.04	.00	TRACE	TRACE	.10	.05	3.16	.47	3.16
61	1.33	.95	1.04	.43	.37	TRACE	.00	.03	.13	.11	.90	1.01	1.33
62	1.30	3.48	.99	.60	.36	TRACE	TRACE	.02	.05	5.52	.82	1.76	5.52
63	2.51	.94	2.46	2.08	.70	.11	.00	.00	.25	1.06	1.70	.21	2.51
64	2.45	.33	.80	.28	.26	.22	.01	.02	.00	.66	.81	1.35	2.45
65	1.12	.17	.41	.93	.08	.03	TRACE	1.03	.16	.06	1.74	1.10	1.74
66	1.25	.51	.33	2.20	.15	.08	TRACE	TRACE	TRACE	.00	2.58	1.14	2.58
67	2.94	.36	.85	.97	.19	.62	TRACE	.00	.20	.29	.96	.59	2.94
68	1.43	1.57	.94	.27	.30	.70	TRACE	.29	.03	.47	1.08	.76	1.57
69	1.81	1.22	.39	.93	.00	.15	.09	.00	.00	1.31	.78	1.27	1.81
70	1.29	.93	.69	.11	TRACE	.23	.00	.00	.00	.43	2.24	1.21	2.24
71	.32	.12	1.12	.21	.25	.24	.00	TRACE	.07	.19	.81	1.29	1.29
72	.44	1.06	.22	.52	.46	.37	.00	.00	1.12	.46	1.09	.93	1.12
73	1.93	2.00	.85	.13	.07	TRACE	.00	.00	.32	1.19	1.58	.87	2.00
74	.78	1.04	1.16	.57	.04	.35	1.83	TRACE	.00	.86	1.06	.75	1.83
75	.87	2.56	1.54	.35	.07	.13	.01	.11	TRACE	.64	1.04	.70	2.56
76	.83	.55	.85	.92	.00	.02	.00	.27	.55	.04	.44	.36	.92
77	.96	.59	.36	.32	.42	.00	.11	TRACE	.63	.07	.89	1.34	1.34
78	1.55	.57	1.36	1.15	.03	.03	.00	TRACE	.64	TRACE	1.01	.55	1.55
79	1.12	1.49	.45	1.13	.14	.00	.12	TRACE	TRACE	1.46	.95	.78	1.49
80	.87	1.13	.58	.32	.31	.10	.09	TRACE	.00	.26	.38	1.55	1.55
81	1.47	.25	1.10	.69	.39	.00	TRACE	.00	.84	1.04	2.20	1.76	2.20
82	2.21	1.33	1.63	1.70	.07	.10	.00	TRACE	.39	1.63	1.47	1.23	2.21
83	1.10	.95	1.80	1.18	.17	.24	TRACE	.09	.44	.58	2.52	2.16	2.52
84	.17	.42	.97	.31	1.13	.22	TRACE	.37	.13	1.09	.90	.50	1.13
85	.60	.85	.76	.02	TRACE	TRACE	TRACE	.04	.57	.47	1.59	.81	1.59
86	1.15	1.36	1.24	.36	.21	.00	.04	.00	.31	.23	.28	.46	1.36
87	1.13	1.47	1.59	.10	.29	.00	.00	.00	.00	.14	1.20	.62	1.59
88	.95	.20	.18	1.37	.54	.28	TRACE	.00	TRACE	.02	1.90	.73	1.90
89	.79	.48	1.09	.46	.22	.50	.00	.27	1.63	1.14	.88	.00	1.63
90	2.00	1.09	.67	.31	1.17								2.00*

B - 2 - 3A

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5907-9005
MONTH: ALL HOURS: ALL

[illegible]

THE GREATEST VALUE OF 5.52 OCCURRED ON 10/13/62

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724827

STATION NAME: BEALE AFB/MARISSVILLE CA
LST TO UTC: +08

PERIOD OF RECORD: 5907-9005
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	99.1	99.5	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.3	99.7
TRACE	.8	.3	.8								.1	.6	.2
0.1-0.4		.1											.0
0.5-1.4	.1												.0
1.5-2.4												.1	.0
2.5-3.4													
3.5-4.4													
4.5-6.4													
6.5-10.4													
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	.1	.1										.1	.0
TOTAL NO. OF OBSERVATIONS	961	876	961	930	961	900	961	961	930	961	930	961	11293

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: +08

PERIOD OF RECORD: 5907-9005
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
59							.0	.0	.0	.0	.0	.0	.0*
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
63	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
64	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.5
73	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
74	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
75	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
76	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
83	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
90	.0	.4	.0	.0	.0								.4*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: +08

PERIOD OF RECORD: 5907-9005
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GREATEST	.6	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5	1.5
MEAN	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.1
MEDIAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SD	.108	.072	.000	.000	.000	.000	.000	.000	.000	.000	.000	.269	.291
TOTAL OBS	961	876	961	930	961	900	961	961	930	961	930	961	11293

THE GREATEST VALUE OF 1.5 OCCURRED ON 12/72

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 3 - 2B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: +08

PERIOD OF RECORD: 5907-9005
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
59							.0	.0	.0	.0	.0	.0	.0*
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
63	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
64	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.5
73	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
74	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
75	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
76	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
83	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
90	.0	.4	.0	.0	.0								.4*

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECOR. 5907-9005
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	.6	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5	1.5
TOTAL ORS	961	876	961	930	961	900	961	961	930	961	930	961	11293

THE GREATEST VALUE OF 1.5 OCCURRED ON 12/06/72

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 3 - 3B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: +08

PERIOD OF RECORD: 5907-9005
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	99.7	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0
TRACE	.3		.1										.0
1												.1	.0
2													
3													
4-6													
7-12													
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS												.1	.0
TOTAL NO. OF OBSERVATIONS	961	876	961	930	961	900	961	961	930	961	930	961	11291

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: +08

PERIOD OF RECORD: 5907-9005
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
59							0	0	0	0	0	0	0*
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
63	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	1	1
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE
78	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0								0*

B - 4 - 2A

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5907-9005
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	TRACE	0	TRACE	0	0	0	0	0	0	0	0	1	1*
TOTAL OBS	961	876	961	930	961	900	961	961	930	961	930	961	11293

THE GREATEST VALUE OF 1 OCCURRED ON 12/06/72

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA

PERIOD OF RECORD: 5907-9005
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
61 - 62	JAN 20	JAN 21		FEB 26	JAN 21	
62 - 63	JAN 02			JAN 02		
63 - 64	JAN 20			JAN 20		
67 - 68	DEC 17			DEC 17		
71 - 72	JAN 27			JAN 27		
72 - 73	DEC 05	DEC 06	DEC 06	JAN 08	DEC 06	DEC 06
73 - 74	JAN 04			MAR 02		
74 - 75	MAR 13			MAR 21		
75 - 76	FEB 05			MAR 02		
76 - 77	MAR 13			MAR 13		
78 - 79	JAN 30			JAN 30		
81 - 82	MAR 29			MAR 29		
82 - 83	NOV 08			MAR 24		
88 - 89	DEC 27			DEC 28		
89 - 90	FEB 16	FEB 16		FEB 16	FEB 16	
MEDIAN-DATE	JAN 20	JAN 21	DEC 06	FEB 16	JAN 21	DEC 06

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCCC
PPPPPPPPPP	AAAAAAA	RRRRRRRRR	TTTTTTTTTTT	CCCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPPPP	AA AA	RRRRRRRRR	TT	CC
PPPPPPPP	AAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCCC
PP	AA AA	RR RR	TT	CCCCC

C - 1 - 1

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: +08

PERIOD OF RECORD: 5907-9005
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
59							*	*	*	*	*	*	*
60	*	*	*	*	*	*	*	*	NW *14	NNE 36	ENE 38	SSE 44	SSE*44
61	SE 24	NNW 30	SE 39	SSW 30	S 32	SSE 24	SSE 23	SSE 22	NNE 30	NW *33	ESE*31	SSE*30	SE *39
62	S *48	S *38	SSE*34	SSE*28	SSE*25	S 24	SSW 28	SSE 26	SSE*25	S 46	NNW 22	NNW 30	S *48
63	S 43	SE 30	S 40	S 33	S 25	NW 31	S 23	SSW 20	SSE*29	WSW*25	S 42	S 15	S *43
64	S 44	NNE 38	NW 36	SSE 33	S 32	S 32	SSE 28	SSE 30	N 40	S 25	SSE 48	S 48	SSE 48
65	SE 42	WNW 32	WNW 32	SSE 34	NNW 34	SSE 25	SE 21	SE 18	NNE 42	ESE 26	S 40	SE 45	SE 45
66	SSE 30	N 32	NW 24	NNW 32	SSE 36	WNW 25	SSE 24	SE 26	NW 27	WNW 29	S 36	S 43	S 43
67	SSE 45	NNW 28	SE 39	SSE 32	SE 25	SE 23	SE 16	SSE 16	NNE 28	NW 32	NNE 35	SSE 43	SSE 45
68	SE 39	SSE 28	S 36	WNW 33	SE 26	NW 34	16/ 20	20/ 26	34/ 33	14/ 25	32/ 32	15/ 39	SE 39
69	17/ 51	16/ 50	33/ 25	23/ 33	34/ 27	32/ 21	32/ 18	18/ 16	16/ 25	02/ 35	14/ 27	18/ 36	17/ 51
70	16/ 40	17/ 33	15/ 37	16/ 30	33/ 28	15/ 38	16/ 24	16/ 19	31/ 30	33/ 32	16/ 42	19/ 58	19/ 58
71	18/ 35	30/ 30	17/ 43	02/ 28	34/ 37	15/ 22	16/ 24	18/ 18	19/ 27	32/ 26	15/ 32	17/ 46	17/ 46
72	16/ 36	19/ 26	22/ 31	18/ 36	22/ 26	19/ 30	17/ 25	16/ 25	17/ 25	34/ 29	15/ 56	17/ 45	15/ 56
73	17/ 49	15/ 40	16/ 34	35/ 32	15/ 26	20/ 25	16/ 20	16/ 26	34/ 28	24/ 38	16/ 36	15/ 32	17/ 49
74	13/ 36	16/ 35	17/ 43	16/*38	15/*20	33/ 35	16/ 22	32/ 25	32/ 26	34/ 26	16/ 34	15/ 39	17/*43
75	17/ 50	16/ 54	16/ 44	19/ 26	33/ 32	33/ 28	32/ 18	14/*20	32/*15	16/ 26	17/ 31	32/ 29	16/*54
76	36/ 29	16/ 37	15/ 32	32/ 38	33/ 30	33/ 29	18/ 26	16/ 23	14/ 20	34/ 28	02/ 35	32/ 28	32/ 38
77	17/ 40	19/ 28	17/ 34	33/ 26	12/ 32	14/ 29	17/ 25	15/ 27	15/ 26	14/ 21	16/ 37	16/ 39	17/ 40
78	16/ 42	15/ 51	16/ 31	15/ 23	33/ 32	15/ 24	14/ 19	15/ 22	32/ 33	32/ 30	16/ 26	35/ 27	15/ 51
79	16/ 33	17/ 34	16/ 42	30/ 30	17/ 29	34/ 26	33/ 27	15/ 20	16/ 17	16/ 33	15/ 34	15/ 55	15/ 55
80	16/ 44	15/ 49	32/ 40	33/ 28	34/ 34	15/ 24	15/ 21	17/ 26	15/ 20	34/ 27	33/ 26	14/ 52	14/ 52
81	14/ 40	34/ 37	14/ 30	34/ 27	31/ 23	33/ 30	21/ 20	14/ 23	33/ 22	15/ 30	15/ 48	16/ 33	15/ 48
82	14/ 40	17/ 32	17/ 44	15/ 46	17/ 25	34/ 30	21/ 23	15/ 20	13/ 31	18/ 29	16/ 38	17/ 40	15/ 46
83	16/ 46	14/ 40	20/ 38	24/ 32	34/ 25	31/ 23	17/ 26	20/ 20	20/ 20	17/ 14	14/ 30	18/ 47	18/ 47
84	35/ 29	15/ 30	15/ 30	33/ 31	14/ 23	35/ 30	19/ 21	16/ 24	33/ 26	14/ 27	17/ 45	16/ 30	17/ 45
85	03/ 20	15/ 42	15/ 39	32/ 32	16/ 24	33/ 21	16/ 21	14/ 19	35/ 20	33/ 24	19/ 30	16/ 38	15/ 42
86	19/ 26	22/ 45	16/ 43	34/ 31	26/ 33	16/ 19	31/ 21	17/ 15	16/ 36	33/ 26	01/ 21	35/ 21	22/ 45
87	15/ 34	16/ 39	22/ 40	34/ 30	05/ 29	16/ 26	13/ 33	15/ 29	19/ 22	20/ 18	17/ 29	15/ 47	15/ 47
88	16/ 35	15/ 54	33/ 31	16/ 27	18/ 23	16/ 34	15/ 24	17/ 23	32/ 26	15/ 19	16/ 36	02/ 53	15/ 54
89	18/ 36	17/ 31	17/ 36	24/ 30	08/ 31	15/ 25	15/ 19	16/ 26	20/ 30	15/ 35	17/ 37	34/ 20	17/ 37
90	16/ 32	17/ 41	15/ 25	36/ 29	18/ 29								17/*41

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5907-9005
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GREATEST	17/ 51	16/ 54	16/ 44	15/ 46	34/ 37	15/ 38	13/ 33	SSE 30	NNE 42	S 46	15/ 56	19/ 58	19/ 58
TOTAL OBS	903	834	916	868	918	867	897	885	866	914	885	904	10657

THE PEAK WIND OF 58 FROM 19/ OCCURRED ON 12/01/70

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: +08

PERIOD OF RECORD: 5907-9005
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN	MEDIAN	TOTAL
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	WIND	WIND	
JAN	1.7	37.2	24.9	12.6	8.3	5.3	5.5	2.0	2.2	.2	.0	14.6	11.0	903
FEB	1.2	27.2	28.5	14.4	11.9	7.6	5.2	2.2	1.4	.5	.0	15.8	13.0	834
MAR	.4	16.0	28.9	20.5	15.4	10.0	4.6	2.6	1.4	.0	.0	17.1	16.0	916
APR	1.4	14.2	27.3	25.8	19.6	8.2	3.0	.5	.1	.0	.0	16.4	16.0	868
MAY	.2	11.0	35.1	28.2	18.1	5.6	1.5	.3	.0	.0	.0	15.8	15.0	918
JUN	.0	5.7	39.8	32.3	16.7	4.2	1.2	.2	.0	.0	.0	15.9	15.0	867
JUL	.0	12.5	53.8	22.5	10.0	1.0	.1	.0	.0	.0	.0	13.6	13.0	897
AUG	.0	16.9	57.4	20.7	7.1	1.7	.1	.0	.0	.0	.0	13.1	12.0	885
SEP	.8	23.9	40.7	19.5	10.0	4.3	.7	.2	.2	.0	.0	13.4	12.0	866
OCT	1.4	36.8	30.4	15.3	8.8	5.4	1.3	.5	.1	.0	.0	12.9	11.0	914
NOV	1.8	34.8	27.1	14.4	10.8	4.5	3.7	1.8	.9	.1	.0	14.0	11.0	885
DEC	3.0	37.5	24.9	11.6	8.2	6.4	3.8	2.3	1.9	.4	.0	14.4	11.0	844
ANNUAL	1.0	22.8	34.5	19.8	12.1	5.3	2.6	1.1	.7	.1	.0	14.7	13.0	10657

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: GEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN HOURS: 00-02

DIRECTION DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.6	2.9	.2	.2								8.9	4.4	4.0
020-040	6.1	.4	.1									6.7	2.8	2.0
050-070	3.1	.4	.1									3.7	2.9	2.0
(E) 080-100	4.5	1.3	.2									6.0	3.8	4.0
110-130	4.1	2.7	.3									7.1	4.4	4.0
140-160	6.1	4.7	2.4	.6	.5	.2						14.6	7.1	6.0
(S) 170-190	4.3	1.8	.8									6.9	4.8	4.0
200-220	1.1	.3	.1									1.5	4.1	2.5
230-250	.4	.2										.6	3.3	2.5
(W) 260-280	1.2											1.2	2.7	3.0
290-310	2.3	.2										2.5	2.9	3.0
320-340	4.2	3.0	.5									7.7	4.7	4.0
VARIABLE														
CALM	////////////////////											32.6	////////	
TOTALS	43.0	17.9	4.7	.8	.5	.2						100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.9	2.7	.8	.1								10.4	4.3	4.0
020-040	5.2	.9										6.0	3.0	3.0
050-070	4.8	.2										5.1	2.6	2.0
(E) 080-100	4.0	1.1	.1									5.2	3.4	3.0
110-130	4.5	4.0	.2									8.7	4.4	4.0
140-160	6.0	3.1	3.1	1.0	.4	.1						13.8	7.3	6.0
(S) 170-190	3.0	1.3	1.1	.1								5.5	5.7	4.0
200-220	1.6	.2	.1									1.9	2.9	2.0
230-250	.5	.1										.6	3.0	2.0
(W) 260-280	.9	.3										1.2	3.4	3.0
290-310	1.6	.2										1.8	2.7	3.0
320-340	4.4	2.6	.5									7.5	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											32.3	////////	
TOTALS	43.4	16.7	5.9	1.2	.4	.1						100.0	3.2	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.9	3.8	.6									13.3	4.0	3.0
020-040	4.9	1.4										6.3	3.1	3.0
050-070	2.6	.5										3.1	3.0	3.0
(E) 080-100	3.9	1.0	.1									4.9	3.3	3.0
110-130	5.2	3.4	.2	.1								8.9	4.7	4.0
140-160	5.1	4.1	2.4	.8	.4							12.7	7.0	6.0
(S) 170-190	2.0	1.3	.3	.6	.2							4.5	7.3	5.5
200-220	1.1	.2	.1									1.4	3.3	2.0
230-250	1.1	.1										1.2	2.5	2.0
(W) 260-280	1.2	.1										1.3	2.3	2.0
290-310	2.3	.3										2.6	2.7	2.0
320-340	4.7	2.8	.1	.1								7.7	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											31.9	////////	
TOTALS	43.0	19.0	3.8	1.6	.6							100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.0	3.4	.3	.5								11.3	4.6	4.0
020-040	2.4	.4										2.8	3.0	2.0
050-070	1.3											1.3	2.0	2.0
(E) 080-100	1.6	.3										1.9	2.9	2.0
110-130	3.7	1.7	.2	.1								5.7	4.4	4.0
140-160	4.9	4.8	2.8	1.3	.2							14.1	7.5	7.0
(S) 170-190	5.4	4.0	1.4	.6	.1							11.5	6.1	5.0
200-220	3.0	.3										3.3	2.9	3.0
230-250	2.3	.1										2.4	2.4	2.0
(W) 260-280	2.5	.3										2.8	2.8	2.0
290-310	3.9	.5	.1									4.5	2.7	2.0
320-340	9.4	4.3	2.2	.8								16.6	5.4	4.0
VARIABLE														
CALM	////////////////////											21.8	////////	
TOTALS	47.4	20.1	7.0	3.3	.3							100.0	3.9	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	3.2	.3	.2	.1							7.6	5.5	5.0
020-040	.9	.3										1.2	3.3	3.0
050-070	.5	.3										.9	3.9	3.5
(E) 080-100	.4	.2										.6	4.7	4.0
110-130	1.4	.9		.1								2.4	4.7	4.0
140-160	4.5	3.3	3.3	.9	.2							12.3	7.5	7.0
(S) 170-190	7.1	6.0	2.2	1.0	.1							16.3	6.3	5.0
200-220	8.2	1.0	.2	.2								9.6	3.4	3.0
230-250	5.1	.4	.1									5.6	3.0	3.0
(W) 260-280	2.7	.3										3.0	2.5	2.0
290-310	5.8	1.7	.3									7.8	3.8	3.0
320-340	8.1	7.0	3.3	1.5	.2							20.1	6.8	5.0
VARIABLE														
CALM	////////////////////////////////////											12.6	////////////////////////////////	
TOTALS	48.5	24.6	9.7	3.9	.6							100.0	4.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.6	1.9	.9	.2								7.6	5.0	4.0
020-040	1.5	.8										2.3	4.0	3.0
050-070	.5	.1										.6	4.0	4.0
(E) 080-100	.1	.3	.1									.5	6.6	6.0
110-130	2.5	1.0	.3									3.8	4.7	4.0
140-160	5.9	4.9	2.9	.4	.4							14.6	6.8	6.0
(S) 170-190	7.7	4.4	1.5	.5	.1							14.3	5.6	4.0
200-220	4.6	.6										5.3	2.8	2.0
230-250	2.6	.4	.1									3.1	3.4	3.0
(W) 260-280	2.3	.2										2.5	2.0	2.0
290-310	4.8	1.3	.2									6.3	3.4	3.0
320-340	8.2	5.4	2.9	1.3								17.7	6.4	5.0
VARIABLE														
CALM	////////////////////////////////////											21.3	////////	
TOTALS	45.3	21.3	8.9	2.4	.5							100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.9	2.8	1.2	.2								10.1	5.2	4.0
020-040	3.8	.8	.4									4.9	3.7	2.5
050-070	3.1	.2										3.3	2.2	2.0
(E) 080-100	7.3	1.3										8.6	2.7	2.0
110-130	5.9	4.0	.8									10.6	4.7	4.0
140-160	5.3	4.1	2.6	1.2	.1	.3						13.5	7.4	6.0
(S) 170-190	2.6	2.0	1.0	.2	.1							5.9	6.1	6.0
200-220	2.2	.2		.1								2.5	3.3	2.0
230-250	1.3											1.3	2.3	2.0
(W) 260-280	1.3	.2										1.5	2.4	2.0
290-310	1.8	.3										2.2	2.8	2.0
320-340	4.9	2.3	.5									7.7	4.5	4.0
VARIABLE														
CALM	////////////////////											27.7	////////	
TOTALS	45.4	18.2	6.5	1.7	.2	.3						100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	6.0	1.5	1.3	.1								8.9	4.7	4.0
020-040	7.1	1.0										8.1	3.0	3.0
050-070	3.7	.1										3.8	2.0	2.0
(E) 080-100	5.8	2.2										8.0	3.4	3.0
110-130	5.8	4.5	.4									10.8	4.3	4.0
140-160	5.2	4.3	1.5	.8	.8	.2						12.7	7.5	5.5
(S) 170-190	3.0	2.3	.6	.3								6.2	5.7	5.0
200-220	1.0	.3	.1									1.4	4.2	2.0
230-250	.6	.1										.8	3.7	4.0
(W) 260-280	1.1	.2										1.3	2.6	2.0
290-310	2.0	.1										2.2	2.5	2.0
320-340	5.2	2.8	.5									8.5	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											27.5	////////	
TOTALS	46.5	19.4	4.4	1.2	.8	.2						100.0	3.3	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.1	2.8	.7	.2	.0							9.8	4.7	4.0
020-040	4.0	.7	.1									4.8	3.1	3.0
050-070	2.5	.2	.0									2.7	2.6	2.0
(E) 080-100	3.5	1.0	.1									4.5	3.3	3.0
110-130	4.1	2.8	.3	.0								7.2	4.5	4.0
140-160	5.4	4.2	2.6	.9	.4	.1						13.5	7.3	6.0
(S) 170-190	4.4	2.9	1.1	.4	.1							8.9	5.9	5.0
200-220	2.8	.4	.1	.0								3.4	3.3	3.0
230-250	1.7	.2	.0									1.9	2.9	2.0
(W) 260-280	1.6	.2										1.8	2.5	2.0
290-310	3.1	.6	.1									3.7	3.2	3.0
320-340	6.1	3.8	1.3	.5	.0							11.7	5.6	4.0
VARIABLE														
CALM	////////////////////											26.0	////////	
TOTALS	45.3	19.8	6.4	2.0	.5	.1						100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												%
												WIND
												WIND
(N) 350-010	5.7	3.9										9.6
020-040	3.0	1.6										4.6
050-070	1.1	.1										1.2
(E) 080-100	1.8	.3	.1									2.2
110-130	3.9	1.1	.1									5.0
140-160	7.4	4.0	1.7	.7								13.9
(S) 170-190	6.6	3.0	.7	.4	.2							11.0
200-220	3.7	.3	.1									4.1
230-250	2.1	.1										2.2
(W) 260-280	2.9	.1										3.0
290-310	3.6	.3										3.9
320-340	7.0	3.1	.5									10.6
VARIABLE												
CALM	////////////////////////////////////											28.7
TOTALS	48.8	17.9	3.2	1.1	.2							100.0

TOTAL NUMBER OF OBSERVATIONS 1219

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837 STATION NAME: BEALE AFB/MARYSVILLE CA PERIOD OF RECORD: JUN 80 - MAY 90
LST TO UTC: + 8 MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.7	3.5	.5	.1								10.9	4.5	4.0
020-040	6.6	1.8	.1									8.5	3.2	2.0
050-070	4.7	.4										5.1	2.8	2.0
(E) 080-100	6.3	1.3										7.6	3.3	3.0
110-130	5.6	3.1	.4									9.0	4.2	4.0
140-160	3.4	3.5	3.9	1.3	.9	.5						13.6	9.8	9.0
(S) 170-190	1.3	1.7	1.3	.5	.4	.1						5.2	9.5	8.0
200-220	.6					.1						.7	6.3	2.5
230-250	.2	.1										.4	3.0	2.0
(W) 260-280	.6											.6	1.8	2.0
290-310	.8	.4										1.2	3.4	3.5
320-340	4.0	3.1	.7									7.8	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											29.6	////////////////////////////////	
TOTALS	40.8	18.9	6.9	1.9	1.3	.7						100.0	3.8	4.0
TOTAL NUMBER OF OBSERVATIONS 846														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.0	3.0	.4	.1								10.4	4.1	4.0
020-040	7.7	1.1	.1									8.9	2.8	2.0
050-070	4.5	.5										5.0	2.8	2.0
(E) 080-100	5.3	.6										5.9	3.0	3.0
110-130	5.0	2.7	.6									8.3	4.5	4.0
140-160	2.2	3.9	4.4	1.2	.6	.6	.1					13.0	10.2	10.0
(S) 170-190	1.2	1.3	2.0	.1	.1							4.7	8.5	9.0
200-220	.1	.2		.1								.5	8.0	7.0
230-250	.9	.1	.1									1.2	3.1	2.0
(W) 260-280	.5	.2										.7	3.7	3.5
290-310	1.3	.5	.1									1.9	3.9	3.0
320-340	6.0	3.4	.8	.2								10.5	5.2	4.0
VARIABLE														
CALM	////////////////////////////////////											29.1	////////////////////////////////	
TOTALS	41.7	17.5	8.5	1.7	.7	.6	.1					100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.7	3.0	.7	.2								13.6	4.1	4.0
020-040	5.3	.7	.1									6.1	2.9	2.0
050-070	2.8	.2										3.1	2.2	2.0
(E) 080-100	3.5	.5										4.0	2.6	2.0
110-130	4.0	2.2	.2	.1								6.6	4.4	3.5
140-160	3.0	4.8	3.9	1.2	.2	.4						13.5	8.9	8.0
(S) 170-190	1.4	1.1	1.4	.6	.2							4.7	8.9	9.0
200-220	.7	.1	.1									.9	4.5	3.5
230-250	.6	.1	.1									.8	4.1	2.0
(W) 260-280	.8											.8	2.0	2.0
290-310	1.9	.5										2.4	2.8	2.0
320-340	7.4	4.7	.9	.2	.1							13.5	5.1	4.0

VARIABLE														
CALM	////////////////////////////////////											29.9	////////////////////////////////	
TOTALS	41.1	17.9	7.4	2.3	.5	.4						100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.0	4.1	.9	.1	.1							10.3	5.1	5.0
020-040	1.5	.5										2.0	3.5	3.0
050-070	.5											.5	2.8	2.5
(E) 080-100	1.3	.1										1.4	3.1	3.0
110-130	2.2	1.3	.4									3.9	4.8	4.0
140-160	3.8	5.4	4.3	1.5	.7	.1						15.8	8.7	8.0
(S) 170-190	3.1	4.0	3.4	1.2	.4							12.1	8.5	8.0
200-220	3.0	.6	.2	.1								3.9	3.8	3.0
230-250	3.1	.2	.1									3.4	2.5	2.0
(W) 260-280	3.0	.1		.1								3.2	2.7	2.0
290-310	4.0	1.3	.2									5.6	3.5	3.0
320-340	6.9	7.4	3.8	1.7	.1	.1						20.0	7.3	6.0
VARIABLE														
CALM	////////////////////////////////////											18.0	////////	
TOTALS	37.4	25.0	13.3	4.7	1.3	.2						100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHTVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	2.4	.5	.2	.1							5.7	6.0	5.0
020-040	1.3	.2										1.5	3.5	4.0
050-070	.5											.5	2.5	2.5
(E) 080-100	.2		.1									.4	5.3	2.0
110-130	.8	1.4	.2	.4								2.8	7.5	7.5
140-160	2.0	3.0	2.0	1.5	.8							9.3	10.1	10.0
(S) 170-190	5.9	5.4	3.0	1.9	.6	.4						17.1	8.2	7.0
200-220	6.3	2.7	1.1	.2								10.3	4.9	4.0
230-250	5.8	.7										6.5	2.7	2.0
(W) 260-280	4.3	.5	.2									5.0	2.9	2.0
290-310	7.1	3.0	.6	.2								11.1	4.5	4.0
320-340	4.6	7.2	5.0	2.1	.7	.2						19.9	8.7	7.5
VARIABLE														
CALM	////////////////////											9.9	////////	
TOTALS	41.3	26.5	12.9	6.5	2.2	.6						100.0	6.0	5.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: FEB HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.1	1.5	.6									5.2	4.6	4.0
020-040	1.1	.6	.1	.1								1.9	4.7	3.5
050-070	.5	.1										.6	2.8	2.0
(E) 080-100	.4	.1										.5	4.8	4.0
110-130	1.5	1.4	.5									3.4	5.4	5.0
140-160	3.4	4.5	2.2	1.7	.8							12.6	8.6	7.0
(S) 170-190	7.6	3.0	2.6	.9	.6	.1	.1					14.9	7.0	4.0
200-220	5.9	3.1	.1									9.1	3.8	3.0
230-250	2.7	.4	.7	.1								3.9	4.8	3.0
(W) 260-280	3.7	.7	.4									4.7	3.6	3.0
290-310	4.3	1.9	.7									6.9	4.4	4.0
320-340	6.6	6.9	4.5	1.3	.1	.1						19.5	7.4	6.0
VARIABLE														
CALM	////////////////////////////////////											16.8	//////////	
TOTALS	40.8	24.2	12.4	4.1	1.5	.2	.1					100.0	5.1	5.0
TOTAL NUMBER OF OBSERVATIONS 846														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	1.9	.4									7.1	4.1	3.5
020-040	4.6	1.7	.6									6.9	4.2	3.5
050-070	3.4	.4	.1									3.9	3.0	2.0
(E) 080-100	9.2	1.5	.1									10.9	3.1	3.0
110-130	5.8	4.0	.2									10.0	4.5	4.0
140-160	5.9	3.5	2.5	.9	.8							13.7	7.4	6.0
(S) 170-190	3.1	.9	.9	.9	.8							6.7	8.9	5.0
200-220	1.3	.5										1.8	3.6	3.0
230-250	.2	.5	.1									.8	6.6	6.0
(W) 260-280	.9	.1										1.1	3.0	3.0
290-310	2.2	.4										2.6	2.8	2.0
320-340	3.9	2.4	.4	.1								6.7	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											27.8	////////////////////////////////	
TOTALS	45.3	17.8	5.3	1.9	1.6							100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	1.7	.6									6.0	4.5	3.0
020-040	7.8	1.9	.4									10.0	3.7	3.0
050-070	6.1	1.4	.2									7.8	3.3	3.0
(E) 080-100	8.3	3.0										11.2	3.6	4.0
110-130	7.6	3.9	.2									11.7	4.1	4.0
140-160	3.5	3.1	2.1	1.1	1.2	.4						11.3	9.4	7.5
(S) 170-190	1.5	1.5	1.1	.8	.8							5.8	10.0	9.0
200-220	.5	.1										.6	3.2	3.0
230-250	.5			.1								.6	5.2	4.0
(W) 260-280	.6											.6	1.2	1.0
290-310	1.3	.2										1.5	3.0	3.0
320-340	3.0	1.2	.2	.1								4.5	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											28.3	////////	
TOTALS	44.5	18.0	4.8	2.1	2.0	.4						100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.3	2.6	.6	.1	.0							8.6	4.5	4.0
020-040	4.5	1.0	.2	.0								5.7	3.4	3.0
050-070	2.9	.4	.0									3.3	2.9	2.0
(E) 080-100	4.3	.9	.0									5.2	3.2	3.0
110-130	4.1	2.5	.3	.1								7.0	4.6	4.0
140-160	3.4	4.0	3.2	1.3	.8	.2	.0					12.9	9.1	8.0
(S) 170-190	3.1	2.4	2.0	.9	.5	.1	.0					8.9	8.4	7.0
200-220	2.3	.9	.2	.1		.0						3.5	4.3	4.0
230-250	1.8	.3	.1	.0								2.2	3.5	2.0
(W) 260-280	1.8	.2	.1	.0								2.1	2.9	2.0
290-310	2.9	1.0	.2	.0								4.1	3.9	3.0
320-340	5.3	4.5	2.0	.7	.1	.1						12.8	6.6	5.0
VARIABLE														
CALM	////////////////////////////////////											23.7	////////	
TOTALS	41.7	20.7	8.9	3.2	1.4	.4						100.0	4.4	4.0

TOTAL NUMBER OF OBSERVATIONS 6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		2.1	2.1										4.2	4.3	4.5
020-040		.8	.4										1.3	3.7	3.0
050-070															
(E) 080-100		1.7											1.7	2.8	3.0
110-130		2.5	2.5	.4									5.4	5.1	5.0
140-160		2.5	4.2	7.5	7.9	3.8							25.9	13.2	14.0
(S) 170-190		2.5	4.6	9.6	8.8	9.2	1.3						36.0	15.1	16.0
200-220		.8		.4									1.3	5.7	4.0
230-250				1.3									1.3	10.7	10.0
(W) 260-280		1.3											1.3	1.7	2.0
290-310		1.7	.4										2.1	2.8	2.0
320-340		2.5	2.5										5.0	4.9	5.0
VARIABLE															
CALM		////////////////////////////////////										14.6	////////////////////////////////		
TOTALS		18.4	17	19.2	16.7	13.0	1.3						100.0	10.0	12.0

TOTAL NUMBER OF OBSERVATIONS 239

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	2.8	.4	.2								7.8	4.8	4.0
020-040	3.4	1.5	.2									5.2	3.9	3.0
050-070	4.7	.9										5.6	2.9	2.5
(E) 080-100	5.2	2.4										7.5	3.6	3.0
110-130	7.5	6.6	.6	.1								14.8	4.9	4.0
140-160	6.5	8.7	6.9	.5	.5	.2						23.3	7.8	7.0
(S) 170-190	2.6	2.4	1.9	.2	.3							7.4	7.6	7.0
200-220	.5	.4										1.0	4.8	4.0
230-250	.3	.1										.4	2.8	2.0
(W) 260-280	.4	.1										.5	3.4	4.0
290-310	.5	.4										1.0	3.9	3.0
320-340	2.9	1.9	.3									5.2	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											20.2	////////////////////////////////	
TOTALS	38.9	28.2	10.3	1.0	.8	.2						100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.7	2.2	.4		.1							8.4	4.2	4.0
020-040	3.5	1.4	.1									5.1	3.7	3.0
050-070	2.8	.6										3.4	2.9	2.0
(E) 080-100	3.9	1.2										5.1	3.3	3.0
110-130	7.0	5.4	.6	.1								13.1	4.7	4.0
140-160	5.8	10.2	4.8	1.2	.5		.1					22.7	7.8	7.0
(S) 170-190	1.9	1.9	1.3	.2	.5	.1						6.0	8.4	7.0
200-220	1.1	.2	.2		.1							1.6	5.2	2.0
230-250	.5											.5	1.8	2.0
(W) 260-280	.6	.1										.8	3.1	2.0
290-310	1.6	.1	.1									1.8	3.2	3.0
320-340	3.2	3.1	.6									7.0	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											24.5	////////////////////////////////	
TOTALS	37.6	26.4	8.1	1.5	1.2	.1	.1					100.0	4.2	4.5

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.8	2.7	.5	.2								10.2	4.4	4.0
020-040	4.2	.6										4.8	2.9	2.0
050-070	2.2	.3										2.5	3.0	2.0
(E) 080-100	4.2	.8										4.9	3.2	3.0
110-130	4.3	5.3	1.2									10.8	5.5	5.0
140-160	5.2	9.1	5.7	.9	.1		.2					21.2	7.8	7.0
(S) 170-190	2.6	1.9	1.6	.8	.5							7.4	8.6	8.0
200-220	.9		.1	.1								1.1	4.9	3.0
230-250	.2	.1										.3	3.3	3.0
(W) 260-280	1.6											1.6	2.1	2.0
290-310	1.5	.1										1.6	2.3	2.0
320-340	4.5	3.3	1.5	.4								9.8	6.2	5.0
VARIABLE														
CALM	////////////////////////////////////											23.8	////////	
TOTALS	38.2	24.2	10.6	2.4	.6		.2					100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	1.5	.8	.4	.1							4.7	6.9	6.0
020-040	1.3	.2	.1									1.6	3.1	2.0
050-070	.4	.1										.5	3.4	3.0
(E) 080-100	.3	.4										.8	4.4	5.0
110-130	1.8	1.6	.5	.1								4.1	5.8	5.0
140-160	2.3	8.4	6.3	2.7	1.1							20.8	9.9	9.0
(S) 170-190	5.1	7.7	6.1	.6	.6							20.2	8.1	8.0
200-220	4.7	1.7	.3									6.8	4.0	3.0
230-250	2.7	.4										3.1	2.7	2.0
(W) 260-280	3.1	.4										3.5	2.8	2.0
290-310	4.4	1.2										5.6	3.3	3.0
320-340	6.2	3.9	3.9	2.3	.1							16.3	7.9	6.0
VARIABLE														
CALM	////////////////////////////////////											11.9	////////	
TOTALS	34.2	27.5	18.0	6.1	1.9							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	1.1	.3	.3	.2							4.1	6.3	4.0
020-040	.4	.1	.2	.1								.9	7.0	4.5
050-070	.2		.1									.3	5.0	3.0
(E) 080-100	.1	.3										.4	5.0	5.0
110-130	.8	.5	1.0	.2								2.5	8.5	9.0
140-160	2.2	4.1	4.6	2.3	.6	.1						13.9	10.3	10.0
(S) 170-190	5.2	9.6	6.7	1.7	.4	.2						23.8	8.4	8.0
200-220	5.7	4.1	1.4	.1								11.3	5.1	4.0
230-250	5.7	1.8	.1									7.6	3.4	3.0
(W) 260-280	4.4	.4	.2									5.1	3.1	3.0
290-310	5.5	2.0	.9	.2								8.6	4.8	4.0
320-340	4.6	6.5	3.5	2.7	.6							18.0	8.7	7.0
VARIABLE														
CALM	////////////////////////////////////											3.7	////////	
TOTALS	37.0	30.5	19.0	7.6	1.8	.3						100.0	7.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	1.4	.6	.4								3.1	8.2	7.0
020-040	.8	.1	.3	.1								1.3	7.2	4.0
050-070	.2	.3	.1									.6	5.3	5.5
(E) 080-100	.6	1.0										1.6	4.7	5.0
110-130	1.0	1.7	1.1		.1							3.9	7.4	7.0
140-160	2.8	5.4	4.6	1.0	.2							14.0	8.6	8.0
(S) 170-190	7.3	11.3	4.8	1.2	.1							24.7	6.9	6.0
200-220	7.1	4.0	.8	.1								11.9	4.3	4.0
230-250	3.2	1.0	1.0	.1								5.3	5.1	4.0
(W) 260-280	1.7	.3	.2									2.3	4.0	4.0
290-310	4.4	2.2	.6	.1								7.3	4.7	4.0
320-340	4.1	5.6	4.5	1.6	.3							16.1	8.6	8.0
VARIABLE														
CALM	////////////////////////////////////											7.8	////////	
TOTALS	33.8	34.3	18.6	4.6	.7							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	1.9	.6									4.7	5.4	5.0
020-040	1.7	.9	.2	.3								3.1	5.6	4.0
050-070	2.5	.2										2.7	2.6	2.0
(E) 080-100	4.6	.9	.2									5.7	3.4	3.0
110-130	7.4	6.1	.9									14.4	5.0	4.0
140-160	9.9	9.9	3.3	.3	.5							24.0	6.2	5.0
(S) 170-190	4.4	4.1	1.2		.2							9.9	5.7	5.0
200-220	1.6	1.1	.2	.1								3.0	5.3	4.0
230-250	1.3	.9	.1									2.3	4.5	4.0
(W) 260-280	.8	.1										.9	2.1	2.0
290-310	2.4	.5										2.9	2.7	2.0
320-340	4.1	2.4	1.3									7.7	5.5	4.0
VARIABLE														
CALM	////////////////////////////////////											18.7	////////	
TOTALS	42.9	29.0	8.0	.7	.7							100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 8 - MAY 90
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	1.7	.5	.3	.1							5.3	6.0	5.0
020-040	4.8	2.5										7.3	3.8	3.0
050-070	4.7	.5	.1									5.4	2.9	2.0
(E) 080-100	7.1	2.6										9.7	3.9	4.0
110-130	7.2	11.5	1.2									19.9	5.4	5.0
140-160	5.1	10.9	4.4	.5	.5							21.4	7.3	7.0
(S) 170-190	2.7	3.3	.6	.1	.1							6.9	6.0	6.0
200-220	.5	.5										1.1	4.2	4.0
230-250	.3											.3	2.3	2.0
(W) 260-280	.1											.1	4.0	4.0
290-310	.9	.2										1.1	3.3	2.5
320-340	1.7	2.2	.2	.2								4.3	5.8	5.0
VARIABLE														
CALM	////////////////////											17.3	////////	
TOTALS	37.7	35.9	7.0	1.1	.7							100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR HOUR: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	1.9	.5	2	.1							6.0	5.4	4.0
020-040	2.5	.9	.1	.1								3.7	4.0	3.0
050-070	2.2	.4	.0									2.6	3.0	2.0
(E) 080-100	3.3	1.2	.0									4.5	3.6	4.0
110-130	4.6	4.8	.9	.1	.0							10.4	5.4	5.0
140-160	4.9	8.3	5.1	1.2	.5	.0	.0					20.1	8.1	7.0
(S) 170-190	4.0	5.3	3.0	.5	.4	.0						13.3	7.6	7.0
200-220	2.8	1.5	.4	.1	.0							4.7	4.6	4.0
230-250	1.8	.5	.1	.0								2.5	3.8	3.0
(W) 260-280	1.6	.2	.1									1.8	3.0	2.0
290-310	2.5	.8	.2	.0								3.7	4.0	2.0
320-340	3.9	3.6	2.0	.9	.1							10.6	7.2	6.0
VARIABLE														
CALM	////////////////////////////////////											16.0	////////////////////////////////	
TOTALS	37.5	29.4	12.4	3.2	1.1							100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	3.2	.5									3.7	2.6	2.0
020-040													
050-070	.5										.5	2.0	2.0
(E) 080-100	.5	.5									1.1	4.5	4.5
110-130	1.1	2.1	2.1		.5						5.9	9.5	8.0
140-160	3.2	8.5	14.9	4.3	3.7	.5					35.1	11.8	12.0
(S) 170-190	3.2	5.9	5.3	4.8	4.3	1.1					24.5	12.5	11.5
200-220	1.6	1.1	.5								3.2	5.8	6.0
230-250	2.7										2.7	2.6	2.0
(W) 260-280	.5	.5									1.1	4.5	4.5
290-310	2.1	.5									2.7	2.6	2.0
320-340	1.6	4.3	.5								6.4	6.3	7.0
VARIABLE													
CALM	////////////////////										13.3	////////	
TOTALS	20.2	23.9	23.3	9.1	8.5	1.6					100.0	8.7	9.0

TOTAL NUMBER OF OBSERVATIONS 188

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	2.1	.3									6.4	4.4	3.5
020-040	3.2	.7										3.9	2.9	2.0
050-070	4.3	.6										4.9	2.7	2.0
(E) 080-100	7.1	1.0										8.1	3.0	3.0
110-130	6.4	4.2	.4									11.1	4.7	4.0
140-160	11.0	10.3	5.0									26.3	6.0	5.0
(S) 170-190	5.0	1.6	.6									7.1	4.5	4.0
200-220	1.1	.1		.3								1.6	5.4	2.5
230-250	.7											.7	1.8	2.0
(W) 260-280	.3											.3	2.0	2.0
290-310	.9											.9	2.3	2.0
320-340	4.0	2.2	.2									6.4	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											22.2	////////////////////////////////	
TOTALS	48.0	22.8	6.5	.3								100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.6	2.7	.3									8.6	4.4	4.0
020-040	3.4	.1										3.6	2.4	2.0
050-070	1.7	.1										1.8	2.4	2.0
(E) 080-100	2.2	.6										2.8	3.4	3.0
110-130	5.0	3.6	.9									9.4	4.6	4.0
140-160	8.8	8.6	5.9	.2	.1							23.6	6.7	6.0
(S) 170-190	4.1	2.3	.3	.1	.1							7.0	4.9	4.0
200-220	.4	.1	.1	.1		.1						.9	9.4	5.0
230-250	.7											.7	2.5	2.0
(W) 260-280	1.1											1.1	2.0	2.0
290-310	3.0	.2										3.2	2.4	2.0
320-340	4.1	2.7	.8									7.6	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											29.9	////////////////////////////////	
TOTALS	40.1	21.0	8.3	.4	.2	.1						100.0	3.5	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.0	2.9	.6	.1								11.6	4.1	3.0
020-040	2.8	.2										3.0	2.2	2.0
050-070	1.7	.1										1.8	2.1	2.0
(E) 080-100	1.9											1.9	2.7	3.0
110-130	3.4	2.2	.6									6.2	4.9	4.0
140-160	6.2	7.7	8.4	1.2	.2	.1						23.9	8.1	8.0
(S) 170-190	4.7	4.1	1.6	.2								10.6	5.7	5.0
200-220	.8	.2	.1									1.1	4.2	3.5
230-250	.9											.9	2.1	2.0
(W) 260-280	.9											.9	2.0	2.0
290-310	2.8	.2										3.0	2.4	2.0
320-340	5.2	3.6	2.0	.3								11.1	6.0	5.0
VARIABLE														
CALM	////////////////////////////////////											24.1	////////	
TOTALS	39.3	21.2	13.3	1.8	.2	.1						100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	1.4	.9									5.7	5.2	4.0
020-040	.8				.1							.9	4.5	2.0
050-070	.2		.1									.3	4.7	2.0
(E) 080-100	.1											.1	2.0	2.0
110-130	.3	.3	.2									.9	6.0	5.5
140-160	3.1	6.3	6.7	1.0	.1	.1	.1					17.4	8.8	9.0
(S) 170-190	4.9	10.1	5.4	.8	.2							21.4	7.6	7.0
200-220	5.6	2.6	.4	.2								8.8	4.3	3.0
230-250	4.1	.3	.1									4.6	2.5	2.0
(W) 260-280	3.1	.2										3.3	2.2	2.0
290-310	3.8	2.2	.7	.2								7.0	5.2	4.0
320-340	7.6	5.8	4.3	1.8	.1							19.6	7.3	6.0
VARIABLE														
CALM	////////////////////											10.0	////////	
TOTALS	36.9	29.2	18.8	4.1	.5	.1	.1					100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEA'E AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	1.9	.3	.2								4.6	5.2	5.0
020-040	1.0			.2	.1							1.3	5.9	2.0
050-070	.1	.1										.2	6.0	6.0
(E) 080-100	.3	.1										.4	2.8	2.5
110-130	1.1	1.1										2.2	4.4	4.5
140-160	2.9	5.8	2.6	.9	.2	.1						12.4	8.1	8.0
(S) 170-190	6.4	9.7	4.3	1.7	.4							22.6	7.5	7.0
200-220	5.6	3.4	1.7	.6	.1							11.3	5.8	5.0
230-250	5.9	1.1	.1									7.1	3.1	2.5
(W) 260-280	3.0	.6	.1									3.7	2.8	2.0
290-310	5.0	3.1	1.9	.2								10.1	5.9	5.0
320-340	3.7	5.0	5.3	1.7	.3							16.0	8.8	9.0
VARIABLE														
CALM	////////////////////////////////////											8.0	////////////////////////////////	
TOTALS	37.1	31.9	16.2	5.5	1.1	.1						100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	1.7	1.1	.3	.1							4.9	7.7	7.0
020-040	1.0	.4	.7									2.1	5.5	6.0
050-070	.8	.4	.1									1.3	4.9	4.0
(E) 080-100	.3	.1	.1									.6	5.0	4.0
110-130	1.2	2.7	.6	.1								4.6	6.5	6.0
140-160	3.4	8.6	3.6	.8	.1							16.4	7.5	7.0
(S) 170-190	9.0	8.2	3.3	.8	.1							21.4	6.1	6.0
200-220	7.0	2.1	2.0	.3								11.4	5.1	4.0
230-250	2.4	.4	.4	.1								3.4	4.6	3.0
(W) 260-280	2.8	.2	.2									3.2	3.2	2.0
290-310	3.4	2.3	1.8									7.6	6.2	5.0
320-340	3.3	4.3	4.9	.9	.7							14.1	8.7	8.0
VARIABLE														
CALM	////////////////////////////////////											8.9	////////	
TOTALS	36.3	31.4	18.8	3.3	1.0							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	1.2	.4									4.2	4.5	4.0
020-040	2.8	.2	.2	.1								3.3	3.6	3.0
050-070	2.2	.4	.2									2.9	3.7	3.0
(E) 080-100	5.2	1.4	.3									7.0	3.6	3.0
110-130	8.9	4.7	1.2	.1								14.9	4.6	4.0
140-160	10.8	9.6	1.9	.6								22.8	5.3	5.0
(S) 170-190	6.4	5.4	1.0	.2								13.1	5.0	5.0
200-220	2.2	.9	.3									3.4	3.9	3.0
230-250	.8	.2	.3									1.3	4.9	2.5
(W) 260-280	1.1	.3										1.4	4.2	3.0
290-310	2.3	.6	.1									3.0	3.3	2.0
320-340	3.0	3.1	.8	.9	.1							7.9	6.6	6.0
VARIABLE														
CALM	////////////////////////////////////											14.7	////////	
TOTALS	48.3	28.0	6.7	1.9	.1							100.0	4.1	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	1.4										4.3	3.8	4.0
020-040	6.8	.7	.1									7.6	2.7	2.0
050-070	5.8	.3										6.1	2.4	2.0
(E) 080-100	8.3	2.0										10.3	3.3	3.0
110-130	7.3	8.2	.2									15.8	4.8	5.0
140-160	8.6	12.4	3.4	.3								24.8	6.1	6.0
(S) 170-190	4.0	1.8	.6	.4								6.8	5.3	4.0
200-220	1.2	.2	.1									1.6	3.9	2.0
230-250	.2											.2	3.5	3.5
(W) 260-280	.2											.2	1.5	1.5
290-310	.6	.6										1.1	4.3	4.5
320-340	1.7	2.2	.4									4.3	5.4	6.0
VARIABLE														
CALM	////////////////////////////////////											16.9	////////	
TOTALS	47.6	29.8	4.8	.7								100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	1.9	.5	.1	.0							6.3	4.8	4.0
020-040	2.7	.3	.1	.0	.0							3.2	3.2	2.0
050-070	2.1	.3	.1									2.4	2.9	2.0
(E) 080-100	3.2	.7	.1									3.9	3.3	3.0
110-130	4.2	3.4	.5	.0								8.1	4.8	4.0
140-160	6.8	8.7	4.7	.6	.1	.0	.0					21.0	6.9	6.0
(S) 170-190	5.6	5.4	2.1	.5	.1							13.7	6.3	6.0
200-220	3.0	1.2	.6	.2	.0	.0						5.0	5.0	4.0
230-250	2.0	.3	.1	.0								2.4	3.3	2.0
(W) 260-280	1.6	.2	.0									1.8	2.7	2.0
290-310	2.7	1.2	.5	.1								4.5	4.9	4.0
320-340	4.1	3.6	2.3	.7	.2							10.9	7.1	6.0
VARIABLE														
CALM	////////////////////////////////////											16.8	////////	
TOTALS	41.8	27.2	11.6	2.2	.4							100.0	4.7	4.0
TOTAL NUMBER OF OBSERVATIONS 7200														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010														
020-040														
050-070														
(E) 080-100		1.5										1.5	3.0	3.0
110-130		3.0	3.0									6.1	4.8	5.0
140-160		3.0	15.2	42.4	16.7							77.3	11.3	11.0
(S) 170-190			1.5	3.0	1.5							6.1	11.0	10.0
200-220				1.5								1.5	12.0	12.0
230-250		1.5										1.5	4.0	4.0
(W) 260-280														
290-310														
320-340		3.0										3.0	3.0	3.0
VARIABLE														
CALM		////////////////////////////////////										3.0	////////	
TOTALS		12.0	19.7	46.9	18.2							100.0	10.1	10.0

TOTAL NUMBER OF OBSERVATIONS 66

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837 STATION NAME: BEALE AFB/MARYSVILLE CA PERIOD OF RECORD: JUN 80 - MAY 90
LST TO UTC: + 8 MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	1.0										3.9	3.8	4.0
020-040	2.5	.8										3.2	3.2	3.0
050-070	2.5	.4										2.9	2.6	2.0
(E) 080-100	3.2	.6	.1									4.0	3.2	3.0
110-130	5.6	1.8	.6									8.1	3.9	3.0
140-160	11.8	12.6	6.2	1.0	.1							31.7	6.4	6.0
(S) 170-190	8.7	5.2	1.2	.1								15.2	4.6	4.0
200-220	1.4	.3										1.7	2.9	2.0
230-250	1.2	.1	.1									1.4	3.6	3.0
(W) 260-280	.9	.1										1.0	2.6	2.0
290-310	.4	.1	.1									.6	4.5	4.0
320-340	2.5	1.6	.2									4.3	4.2	4.0
VARIABLE														
CALM	////////////////////////////////////											22.0	////////	
TOTALS	43.6	24.6	8.5	1.1	.1							100.0	3.8	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	2.6	.8									7.7	4.8	4.0
020-040	2.0	.2										2.3	2.4	2.0
050-070	.8											.8	2.3	2.0
(E) 080-100	1.5	.2										1.7	2.8	3.0
110-130	2.4	1.6	.4									4.4	4.9	4.0
140-160	6.6	11.3	8.3	1.8								28.0	7.9	8.0
(S) 170-190	7.5	6.7	2.4	.4								17.0	5.9	5.0
200-220	2.7	.3										3.0	2.5	2.0
230-250	1.3											1.3	2.3	2.0
(W) 260-280	.9											.9	1.8	2.0
290-310	2.2	.4	.2									2.8	3.7	3.0
320-340	4.5	5.8	.9	.1								11.3	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////											18.9	////////////////////////////////	
TOTALS	36.8	29.1	13.0	2.3								100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 90 - MAY 90
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	1.7	.3									3.1	5.0	6.0
020-040	.3	.3										.6	4.2	4.5
050-070	.2											.2	1.5	1.5
(E) 080-100	.1	.1										.2	5.0	5.0
110-130	.3	.4										.8	4.4	5.0
140-160	2.0	4.5	5.4	2.0								14.0	9.4	10.0
(S) 170-190	4.9	11.4	5.6	.4								22.4	7.2	7.0
200-220	5.9	4.6	.8									11.3	4.9	4.0
230-250	5.5	1.1										6.6	3.3	3.0
(W) 260-280	5.2	1.0										6.1	2.9	2.0
290-310	5.5	3.8	.9	.1								10.2	5.0	4.0
320-340	5.3	8.0	3.9	.0								18.0	7.1	6.0
VARIABLE														
CALM	////////////////////////////////////											6.6	////////////////////////////////	
TOTALS	36.3	36.9	16.9	3.4								100.0	.9	6.0
TOTAL NUMBER OF OBSERVATIONS 90														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	1.2	.5									3.7	5.4	4.0
020-040	.2	.2										.4	4.3	4.0
050-070	.2											.2	1.5	1.5
(E) 080-100	.3	.1										.4	3.5	2.0
110-130	.6	.2	.2									1.1	6.0	4.0
140-160	2.0	3.8	4.1	.2								10.1	8.0	8.0
(S) 170-190	3.7	8.1	4.6	.8								17.1	7.6	7.0
200-220	6.7	6.8	2.5									15.9	5.8	6.0
230-250	6.6	3.4	.1									10.1	4.0	4.0
(W) 260-280	6.0	2.5	.3									8.8	4.2	4.0
290-310	5.9	6.9	2.3	.3								15.4	6.2	6.0
320-340	3.5	6.0	3.8	.3								13.7	7.3	7.0
VARIABLE														
CALM	////////////////////////////////////											3.1	////////	
TOTALS	37.6	39.2	18.4	1.6								100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.9	.2									2.5	5.2	4.0
020-040	.4	.2										.6	4.3	2.5
050-070	.6	.1	.3									1.1	4.8	2.0
(E) 080-100	.4		.2									.6	5.5	2.0
110-130	.5	.3	.5									1.4	6.2	6.0
140-160	2.5	3.4	2.2	.2								8.3	7.1	7.0
(S) 170-190	6.8	8.6	6.1	1.2								22.7	7.4	7.0
200-220	6.6	6.8	1.8	.1								15.3	5.5	5.0
230-250	4.6	2.6	.3									7.5	4.1	4.0
(W) 260-280	3.0	1.0	.1									4.1	3.9	3.5
290-310	5.1	4.8	1.8	.4								12.2	6.0	5.0
320-340	5.0	7.2	2.9	.1								15.2	6.5	6.0
VARIABLE														
CALM	////////////////////////////////////											8.4	////////	
TOTALS	36.9	35.9	16.4	2.0								100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837 STATION NAME: BEALE AFB/MARYSVILLE CA PERIOD OF RECORD: JUN 80 - MAY 90
LST TO UTC: + 8 MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	.9										4.0	3.1	3.0
020-040	1.2	.1										1.3	2.4	2.0
050-070	1.3	.1	.2	.1								1.7	4.8	3.0
(E) 080-100	1.3	.2	.1									1.6	3.9	3.0
110-130	4.6	2.4	.1									7.1	4.2	4.0
140-160	6.8	8.7	2.8	.6	.1							19.1	6.4	6.0
(S) 170-190	8.3	7.4	4.9	.2								20.8	6.4	6.0
200-220	7.1	2.9	.8									6.8	5.3	6.0
230-250	1.6	.9	.4									2.9	5.0	4.0
(W) 260-280	1.3	.1	.5									1.9	4.9	3.0
290-310	3.0	1.0	.1									4.1	3.5	3.0
320-340	5.6	3.2	.3									9.2	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											19.4	////////	
TOTALS	41.2	27.9	10.2	.9	.1							100.0	4.3	4.0
TOTAL NUMBER OF OBSERVATIONS 927														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 MAY 90
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	.5	.2									2.5	3.9	3.0
020-040	3.5	.9										4.4	3.4	3.0
050-070	3.8	1.0										4.7	3.0	2.0
(E) 080-100	4.6	1.1			.1							5.8	3.8	3.5
110-130	9.1	7.2	.5									16.8	4.7	4.0
140-160	9.9	17.7	5.5	1.1								34.2	6.6	6.0
(S) 170-190	4.7	4.2	1.8	.1								10.9	5.8	5.0
200-220	1.3	.3										1.6	2.9	2.0
230-250	.3											.3	2.0	1.0
(W) 260-280	.5	.1										.6	2.8	3.0
290-310	.3	.4										.8	5.4	5.0
320-340	1.1	.9	.5	.1								2.6	6.1	5.0
VARIABLE														
CALM	////////////////////////////////////											14.7	////////////////////////////////	
TOTALS	40.8	34.3	8.6	1.3	.1							100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	1.3	.3									4.3	4.3	4.0
020-040	1.7	.4	.0									2.2	3.3	3.0
050-070	1.4	.2	.1	.0								1.7	3.1	2.0
(E) 080-100	1.6	.3	.1		.0							2.0	3.6	3.0
110-130	3.5	2.0	.4									5.9	4.5	4.0
140-160	6.5	8.9	5.1	1.0	.0							21.6	7.1	7.0
(S) 170-190	6.4	7.0	3.4	.4								17.2	6.3	6.0
200-220	3.6	2.8	.7	.0								7.1	5.1	4.0
230-250	2.7	1.0	.1									3.9	3.8	3.0
(W) 260-280	2.3	.6	.1									3.0	3.6	3.0
290-310	2.9	2.2	.7	.1								5.9	5.4	5.0
320-340	3.8	4.2	1.6	.2								9.8	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////											15.5	////////////////////////////////	
TOTALS	39.2	30.9	12.6	1.7								100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 7432

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010														
020-040														
050-070														
(F) 080-100														
110-130														
140-160			27.8	44.4	11.1							83.3	10.7	10.0
(S) 170-190				11.1	5.6							16.7	12.3	11.0
200-220														
230-250														
(W) 260-280														
290-310														
320-340														
VARIABLE														
CALM		////////////////////////////////////										.0	////////////////////////////////	
TOTALS			27.8	55.5	16.7							100.0	10.9	10.0

TOTAL NUMBER OF OBSERVATIONS 18

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	.8										3.1	3.7	3.0
020-040	1.2	.1										1.3	2.5	2.0
050-070	2.0	.2	.2									2.4	4.0	3.0
(E) 080-100	2.8	.2										3.0	2.4	2.0
110-130	4.2	1.4	.1									5.8	3.7	3.0
140-160	9.7	15.1	6.8	.3								31.9	6.8	6.0
(S) 170-190	13.1	10.1	2.7	.2								26.1	5.1	4.0
200-220	1.4	.4										1.9	3.2	2.0
230-250	.8	.1										.9	2.6	2.0
(W) 260-280	.3											.3	2.0	2.0
290-310	1.0											1.0	2.3	2.0
320-340	1.7	1.0	.7	.1								3.4	6.1	5.0
VARIABLE														
CALM	////////////////////////////////////											18.8	////////	
TOTALS	40.5	29.4	10.5	.6								100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	1.4	.1									6.3	3.6	3.0
020-040	1.1											1.1	2.0	2.0
050-070	1.3											1.3	2.1	2.0
(E) 080-100	.7											.7	1.3	1.0
110 130	3.1	1.2	.4									4.8	4.3	3.0
140-160	10.6	13.7	5.2	.4								29.9	6.3	6.0
(S) 170-190	11.7	6.0	1.0									18.7	4.4	4.0
200-220	2.4	.2	.3									3.0	3.7	3.0
230-250	.4											.4	1.5	1.5
(W) 260-280	1.0											1.0	2.8	2.0
290-310	1.3											1.3	2.3	2.0
320-340	3.3	1.2	.3									4.9	4.2	3.5
VARIABLE														
CALM	////////////////////////////////////											26.6	////////	
TOTALS	41.7	23.7	7.3	.4								100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	1.6										4.6	3.8	4.0
020-040	1.3	.2										1.6	3.1	3.0
050-070	.3	.2										.6	3.6	2.0
(E) 080-100	.2	.2										.4	4.0	3.5
110-130	1.6	.2	.2									2.0	4.2	3.5
140-160	7.0	11.3	8.7	.9								27.9	7.6	8.0
(S) 170-190	7.3	11.6	4.2	.4								23.6	6.4	6.0
200-220	4.2	1.9	.2									6.3	3.7	3.0
230-250	1.6	.1										1.7	2.3	2.0
(W) 260-280	1.2											1.2	2.1	2.0
290-310	2.0	.4										2.4	2.7	2.0
320-340	5.9	4.4	1.2	.3								11.9	5.4	5.0
VARIABLE														
CALM	////////////////////////////////////											15.9	////////	
TOTALS	35.6	32.1	14.5	1.6								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724817

STATION NAME: REALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	.8	.4	.1								2.9	5.4	4.0
020-040	.2	.3										.6	4.8	6.0
050-070	.1											.1	2.0	2.0
(E) 080-100	.1	.1										.2	4.0	4.0
110-130	.7	.2										.9	3.4	2.5
140-160	2.3	4.6	3.1	.9								10.9	8.4	8.0
(S) 170-190	5.3	12.7	6.3									24.3	7.3	7.0
200-220	8.7	7.4	1.7									17.8	5.1	5.0
230-250	5.2	2.6	.1									7.9	3.8	4.0
(W) 260-280	6.2	.9										7.1	2.3	3.0
290-310	6.1	2.4	.8	.3								9.9	4.7	4.0
320-340	5.2	5.0	3.3	.2	.3							14.1	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////											3.3	////////	
TOTAL	41.9	37.0	15.7	1.5	.3							100.0	5.7	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
AFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 124811

STATION NAME: HFALE AFB/MARISVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 0-90	1.4	1.9	.1									2.4	4.7	4.0
020-140	.4	.4										.9	3.8	4.5
050-100	.1											.1	2.0	2.0
(E) 90-180	.1											.1	1.0	1.0
110-130	.1		.1									.2	8.5	8.5
140-160	.9	2.4	1.3	.2	.1							5.0	8.0	8.0
(S) 170-190	4.8	9.7	5.7	1.0								21.1	7.6	8.0
200-220	8.2	12.2	3.0									23.4	5.8	6.0
230-250	1.1	4.4	.1									11.7	4.2	4.0
(W) 260-280	5.2	2.2	.1									7.6	3.8	4.0
290-310	5.1	5.2	2.0	.4								12.8	6.0	5.0
320-340	4.9	4.9	2.4	.4	.1							12.8	6.7	6.0
VARIABLE														
PALE	////////////////////////////////////											1.9	////////////////////////////////	
TOTALS	38.2	42.4	14.8	2.0	.2							100.0	5.9	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724832

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.7	.1									2.1	4.4	4.0
020-040	1.0	.3										1.3	3.8	3.5
050-070			.1									.1	13.0	13.0
(E) 080-110	.6	.2	.2									1.0	5.0	3.0
110-130	.3	.4		.1								.9	5.4	5.5
140-160	1.1	2.2	1.3	.2								4.9	7.3	7.0
(S) 170-190	4.8	10.9	7.6	.8								24.0	7.9	8.0
200-220	7.0	11.6	3.2	.4								22.2	6.3	6.0
230-250	6.4	3.1	1.0									10.6	4.7	4.0
(W) 260-280	3.8	1.8	.2	.1								5.9	4.4	4.0
290-310	5.4	5.8	1.1	.2								12.6	5.5	5.0
320-340	3.3	4.9	2.2	.1	.3							10.9	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////											3.6	////////////////////////////////	
TOTALS	35.0	41.9	17.0	1.9	.3							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	.2										1.2	2.8	2.0
020-040	.7	.2										.9	4.1	4.0
050-070	.2	.2	.1									.6	5.4	5.0
(E) 080-100	.2	.1										.3	3.3	2.0
110-130	1.1	.2	.1									1.4	4.0	4.0
140-160	3.7	4.9	3.6	.6								12.7	7.5	7.0
(S) 170-190	13.0	11.9	7.3	.8	.1							33.7	6.5	6.0
200-220	8.1	5.0	.9									14.0	4.4	4.0
230-250	2.2	1.2	.3									3.8	4.4	4.0
(W) 260-280	1.9	.3										2.2	2.5	2.0
290-310	4.2	.9	.3									5.4	3.5	3.0
320-340	4.7	3.4	.8	.1								9.0	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											14.8	////////	
TOTALS	41.6	28.5	13.4	1.5	.1							100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: - 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	.3			.1							1.7	5.0	4.0
020-040	1.8		.2									2.0	2.9	2.0
050-070	1.8		.1	.1								2.0	3.4	2.0
(E) 080-100	5.9	.9										6.8	3.2	3.0
110-130	9.9	5.4	.2									15.6	4.1	4.0
140-160	7.3	19.6	8.4	.8	.1							36.2	7.4	7.0
(S) 170-190	6.3	9.1	2.7	.1								18.2	6.3	6.0
200-220	.7	.3										1.0	4.2	4.0
230-250	.1											.1	2.0	2.0
(W) 260-280	.1	.1										.2	4.5	4.5
290-310	.2											.2	3.0	3.0
320-340	.3	2.0	.8	.2								3.3	8.0	7.5
VARIABLE														
CALM	////////////////////////////////////											12.7	////////	
TOTALS	35.6	37.7	12.4	1.2	.2							100.0	5.2	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040														
050-070														
(E) 080-100														
110-130														
140-160		14.3		14.3								28.6	10.5	10.5
(S) 170-190		28.6										28.6	5.5	5.5
200-220		28.6										28.6	6.0	6.0
230-250														
(W) 260-280														
290-310														
320-340														
VARIABLE														
CALM	////////////////////////////////////											14.3	////////////////////////////////	
TOTALS		71.5		14.3								100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 7

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.4										.9	4.6	4.5
020-040	.4											.4	2.3	2.0
050-070	1.9	.6	.1									2.7	3.6	3.0
(E) 080-100	4.7	.6										5.4	3.0	3.0
110-130	4.3	1.9										6.2	3.6	3.5
140-160	11.1	10.2	5.1	.6								27.0	6.2	5.0
(S) 170-190	14.3	10.0	2.9	.1								27.3	5.1	4.0
200-220	3.4	.2										3.7	2.4	2.0
230-250	1.7											1.7	2.8	3.0
(W) 260-280	.8											.8	1.7	2.0
290-310	.2											.2	3.0	3.0
320-340	.9											.9	3.3	3.5
VARIABLE														
CALM	////////////////////////////////////											22.9	////////////////////////////////	
TOTALS	44.1	23.9	8.1	.7								100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	.3										3.1	2.6	2.0
020-040	1.4	.1										1.5	2.4	2.0
050-070	.8	.2										1.0	2.3	2.0
(E) 080-100	1.3	.1										1.4	2.6	2.0
110-130	2.7	.8	.1									3.5	3.5	3.0
140-160	9.2	7.5	4.7	.4								21.9	6.1	5.0
(S) 170-190	10.8	6.7	1.6	.1								19.1	4.7	4.0
200-220	3.0	.1										3.1	2.2	2.0
230-250	1.4											1.4	2.1	2.0
(W) 260-280	1.8											1.8	2.2	2.0
290-310	1.9											1.9	2.2	2.0
320-340	2.5	.5										3.0	2.8	2.0
VARIABLE														
CALM	////////////////////////////////////											37.1	////////////////////////////////	
TOTALS	39.6	16.3	6.4	.5								100.0	2.8	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.2	.8										5.9	2.6	2.0
020-040	2.0											2.0	2.3	2.0
050-070	.2											.2	1.0	1.0
(E) 080-100	1.0											1.0	1.8	2.0
110-130	1.9	.2	.1									2.3	3.1	2.0
140-160	7.5	7.7	4.3	1.4	.1							21.1	6.9	6.0
(S) 170-190	10.1	9.5	3.5	.1								23.2	5.8	5.5
200-220	4.3	1.9	.2									6.5	3.7	3.5
230-250	2.9	.2										3.1	2.1	2.0
(W) 260-280	2.6											2.6	1.7	2.0
290-310	2.6	.2										2.8	2.1	2.0
320-340	4.0	1.3	.2									5.5	3.7	3.0
VARIABLE														
CALM	////////////////////////////////////											23.9	////////////////////////////////	
TOTALS	44.3	21.8	8.3	1.5	.1							100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	.6										2.5	3.4	3.0
020-040	.5											.5	2.0	1.0
050-070	.1		.1									.2	6.0	6.0
(E) 080-100														
110-130	.4	.1										.5	3.6	3.0
140-160	1.1	2.0	1.7	.9								5.7	8.9	9.0
(S) 170-190	5.1	9.4	4.7	.6								19.8	7.4	7.0
200-220	9.9	9.2	1.7	.1								21.0	5.1	5.0
230-250	8.9	1.7	.1									10.8	3.2	3.0
(W) 260-280	8.4	1.4										9.8	2.9	3.0
290-310	8.3	2.0	.2									10.5	3.4	3.0
320-340	7.8	3.3	.5									11.7	4.1	4.0
VARIABLE														
CALM	////////////////////////////////////											7.0	////////	
TOTALS	52.3	29.7	9.0	1.6								100.0	4.6	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	.3	.1									2.0	3.5	3.0
020-040	.3											.3	2.3	2.0
050-070	.2											.2	2.0	2.0
(E) 080-100														
110-130	.2		.1									.3	5.0	4.0
140-160	.5	1.5	.3	.1	.1							2.6	7.5	6.0
(S) 170-190	3.7	8.1	4.2	.1								16.0	7.1	6.0
200-220	9.8	16.1	3.7									29.6	5.8	6.0
230-250	8.9	6.5	.1									15.5	4.2	4.0
(W) 260-280	8.6	3.1	.1									11.8	3.8	4.0
290-310	6.3	3.3	.2									9.9	4.2	4.0
320-340	4.6	4.4	.6	.1								9.8	5.0	5.0
VARIABLE														
CALM	////////////////////////////////////											1.9	////////////////////////////////	
TOTALS	44.7	43.3	9.4	.3	.1							100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.5	.1									1.3	4.7	4.5
020-040	.1			.1								.2	9.0	9.0
050-070														
(E) 080-100														
110-130	.4											.4	1.3	1.0
140-160	.9	1.4	.5	.1	.1							3.0	6.9	6.0
(S) 170-190	5.7	11.9	4.6	.6								22.9	7.0	7.0
200-220	15.5	16.7	3.5									35.7	5.4	5.0
230-250	7.2	5.7										12.9	4.4	4.0
(W) 260-280	4.7	2.2										6.9	3.7	4.0
290-310	5.8	2.0	.1									8.0	3.8	3.5
320-340	3.7	2.9	.4									7.0	4.9	4.0
VARIABLE														
CALM	////////////////////////////////////											1.7	////////////////////////////////	
TOTALS	44.6	43.3	9.2	.8	.1							100.0	5.3	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5											1.5	1.8	2.0
020-040	.1											.1	1.0	1.0
050-070	.1		.1									.2	7.0	7.0
(E) 080-100	.2											.2	2.0	2.0
110-130	1.2	.5	.1									1.6	4.3	4.0
140-160	5.4	4.1	1.1	.1	.3							11.0	6.0	5.0
(S) 170-190	17.0	14.9	4.8	.6	.1							37.5	5.8	5.0
200-220	12.9	8.4	.9									22.2	4.4	4.0
230-250	3.2	.4										3.7	2.6	2.0
(W) 260-280	1.1	.1										1.2	2.3	2.0
290-310	2.8	.3										3.1	2.8	3.0
320-340	2.0	.9	.2									3.1	4.1	4.0
VARIABLE														
CALM	////////////////////////////////////											14.4	////////////////////////////////	
TOTALS	47.5	29.6	7.2	.7	.4							100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4											.4	2.0	2.0
020-040	.8	.2										1.0	2.9	2.0
050-070	2.2	.2										2.4	2.6	2.0
(E) 080-100	4.8	.4										5.3	2.9	3.0
110-130	11.5	5.8	.2									17.5	4.0	4.0
140-160	13.8	18.9	5.8	.3	.2							39.0	6.1	6.0
(S) 170-190	8.1	7.5	3.0	.1								18.7	5.9	5.0
200-220	.8	.4										1.2	4.4	4.0
230-250	.3	.2										.5	3.8	4.0
(W) 260-280	.2											.2	2.0	2.0
290-310	.1											.1	3.0	3.0
320-340	.8											.8	3.1	4.0
VARIABLE														
CALM	////////////////////////////////////											12.9	////////	
TOTALS	43.8	33.6	9.0	.4	.2							100.0	4.5	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724817

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	.4	.0									2.2	3.0	2.0
020-040	.7	.0		.0								.8	2.6	2.0
050-070	.2	.1	.0									.9	3.1	2.0
(E) 080-100	1.5	.1										1.7	2.8	2.0
110-130	2.8	1.2	.1									4.1	3.8	4.0
140-160	6.2	6.7	2.9	.5	.1							16.4	6.4	6.0
(S) 170-190	9.3	9.7	3.7	.3	.0							23.1	6.0	6.0
200-220	7.4	6.6	1.3	.0								15.3	5.0	5.0
230-250	4.1	1.8	.0									6.2	3.7	4.0
(W) 260-280	3.5	.8	.0									4.4	3.2	3.0
290-310	3.5	1.0	.1									4.6	3.5	3.0
320-340	3.3	1.7	.3	.0								5.2	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											15.2	////////////////////////////////	
TOTALS	45.0	30.1	8.4	.8	.1							100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040														
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190														
200-220														
230-250														
(W) 260-280														
290-310														
320-340														
VARIABLE														
CALM	////////////////////											.0	////////////////	
TOTALS													.0	.0

TOTAL NUMBER OF OBSERVATIONS 0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0											1.0	1.9	2.0
020-040	.6											.6	2.0	1.3
050-070	1.8	.6										2.5	3.4	4.0
(E) 080-100	2.6	.9										3.4	3.4	3.0
110-130	5.3	1.1										6.3	3.2	3.0
140-160	9.8	7.0	3.4	.3								20.5	5.9	5.0
(S) 170-190	17.5	10.3	2.6									30.4	4.8	4.0
200-220	6.2	.4	.1									6.8	2.8	2.0
230-250	1.6	.1										1.7	2.2	2.0
(W) 260-280	.8											.8	2.1	2.0
290-310	.8											.8	2.4	2.0
320-340	.8	.1										.9	2.4	2.0
VARIABLE														
CALM	////////////////////////////////////											24.3	////////////////////////////////	
TOTALS	48.8	20.5	6.1	.3								100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.7	.9										6.6	2.5	2.0
020-040	2.8	.3										3.1	2.3	2.0
050-070	1.2											1.2	1.7	2.0
(E) 080-100	.9											.9	2.4	2.0
110-130	2.0	.3	.2									2.6	3.5	3.0
140-160	7.6	6.7	2.8	.4								17.5	5.8	5.0
(S) 170-190	8.7	8.4	3.1									20.2	5.8	5.0
200-220	4.5	.9										5.4	3.0	2.0
230-250	2.2											2.2	1.9	2.0
(W) 260-280	1.2											1.2	1.3	1.0
290-310	2.7	.2										2.9	2.1	2.0
320-340	6.6	.8										7.3	2.6	2.0
VARIABLE														
CALM	////////////////////////////////////											29.0	////////	
TOTALS	46.1	18.5	6.1	.4								100.0	3.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	.9										2.8	3.3	3.0
020-040	.4											.4	1.8	1.5
050-070	.2											.2	2.0	2.0
(E) 080-100		.1										.1	6.0	6.0
110-130	.4											.4	1.8	2.0
140-160	3.8	2.6	1.4	.2								8.0	5.9	5.0
(S) 170-190	4.2	11.4	4.8	.3								20.8	7.3	7.0
200-220	9.8	8.5	1.0									19.2	4.8	4.0
230-250	8.7	1.3										10.0	3.1	3.0
(W) 260-280	8.9	1.1										10.0	2.8	2.0
290-310	7.6	2.3										9.9	3.3	3.0
320-340	6.9	2.7	.3									9.9	3.9	4.0
VARIABLE														
CALM	////////////////////////////////////											8.3	////////	
TOTALS	52.8	30.9	7.5	.5								100.0	4.3	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.5										1.4	4.2	4.0
020-040														
050-070														
(E) 080-100														
110-130	.2	.2										.4	4.5	4.5
140-160	.6	1.1	.1	.2								2.0	6.6	6.0
(S) 170-190	4.2	9.7	2.7	.4								17.0	6.7	6.0
200-220	12.5	14.0	2.4									28.8	5.4	5.0
230-250	12.4	4.4										16.8	3.7	4.0
(W) 260-280	9.0	2.3										11.3	3.4	3.0
290-310	7.2	4.3	.1									11.6	4.0	4.0
320-340	4.5	2.4	.3	.1								7.3	4.1	4.0
VARIABLE														
CALM	////////////////////////////////////											3.3	////////	
TOTALS	51.5	38.9	5.6	.7								100.0	4.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6											.6	3.0	3.0
020-040	.1	.2										.3	5.3	6.0
050-070														
(E) 080-100	.1	.1										.2	3.0	3.0
110-130	.1											.1	4.0	4.0
140-160	1.5	1.1	.6	.2								3.4	6.4	5.5
(S) 170-190	8.2	12.8	4.2	.2								25.4	6.1	6.0
200-220	14.8	17.8	2.3	.1								35.1	5.3	5.0
230-250	8.7	4.4	.4									13.5	4.1	4.0
(W) 260-280	5.4	1.1		.1								6.6	3.4	3.0
290-310	4.9	1.4										6.3	3.4	3.0
320-340	3.5	1.2	.3									5.1	3.9	4.0
VARIABLE														
CALM	////////////////////////////////////											3.3	////////	
TOTALS	47.9	40.1	7.8	.6								100.0	4.9	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.2										.5	3.0	2.0
020-040	.2	.1										.3	3.0	2.0
050-070	.1	.1										.2	6.5	6.5
(E) 080-100	.3	.2										.5	4.2	4.0
110-130	2.3	.5										2.8	3.3	3.0
140-160	8.2	5.3	1.2	.3								14.9	5.1	4.0
(S) 170-190	19.1	12.2	2.5	.4								34.2	4.8	4.0
200-220	13.3	7.8	.3									21.5	4.2	4.0
230-250	2.4	.9	.1									3.3	3.8	3.0
(W) 260-280	.6	.1										.8	2.6	2.0
290-310	1.6	.2										1.8	2.2	2.0
320-340	.6	.4										1.1	3.9	3.0
VARIABLE														
CALM	////////////////////////////////////											18.0	////////	
TOTALS	49.0	28.0	4.1	.7								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.1										.4	3.0	3.0
020-040	1.2											1.2	2.0	2.0
050-070	2.0	.2										2.3	2.7	2.0
(E) 080-100	6.1	1.5										7.6	3.4	3.0
110-130	9.7	4.7	.1									14.5	3.9	4.0
140-160	16.9	18.0	2.8	.5								38.2	5.4	5.0
(S) 170-190	9.8	8.7	1.9									20.4	5.3	5.0
200-220	1.1											1.1	2.2	2.0
230-250	.1	.2										.3	5.3	6.0
(W) 260-280	.1	.1										.2	4.5	4.5
290-310	.2											.2	1.5	1.5
320-340	.2	.1										.3	3.0	2.0
VARIABLE														
CALM	////////////////////////////////////											13.2	////////	
TOTALS	47.7	33.6	4.8	.5								100.0	4.1	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: AUG HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.8	.3										2.2	2.8	2.0
020-040	.9	.1										1.0	2.3	2.0
050-070	.8	.1										.9	2.8	2.0
(E) 080-100	1.4	.4										1.7	3.3	3.0
110-130	2.9	.9	.0									3.9	3.4	3.0
140-160	6.9	5.9	1.9	.3								15.1	5.7	5.0
(S) 170-190	10.6	9.9	2.9	.2								23.5	5.5	5.0
200-220	8.3	6.2	.8	.0								15.3	4.7	4.0
230-250	4.8	1.4	.1									6.3	3.6	3.0
(W) 260-280	3.4	.6		.0								4.0	3.1	3.0
290-310	3.5	1.0	.0									4.5	3.3	3.0
320-340	3.3	1.0	.1	.0								4.5	3.4	3.0
VARIABLE														
CALM	////////////////////////////////////											17.2	////////	
TOTALS	48.6	27.8	5.8	.5								100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010													
020-040													
050-070													
(E) 080-100													
110-130													
140-160		10.0	60.0								70.0	11.1	11.0
(S) 170-190	20.0										20.0	1.0	1.0
200-220													
230-250													
(W) 260-280													
290-310													
320-340													
VARIABLE													
CALM	////////////////////										10.0	////////	
TOTALS	20.0	10.0	60.0								100.0	8.0	10.0

TOTAL NUMBER OF OBSERVATIONS 10

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	1.3	.1									4.4	3.9	3.0
020-040	3.3	1.0	.2									4.6	3.6	2.0
050-070	2.8	.3										3.1	2.4	2.0
(E) 080-100	5.1	1.0										6.1	2.9	2.0
110-130	4.7	2.1	.4									7.2	4.5	4.0
140-160	8.9	7.0	2.7	.2								18.8	5.5	5.0
(S) 170-190	7.7	3.3	1.1									12.1	4.5	4.0
200-220	1.8	.1										1.9	2.6	2.0
230-250	.9	.1										1.0	2.6	2.0
(W) 260-280	1.0	.1										1.1	2.2	2.0
290-310	1.0											1.0	2.4	2.0
320-340	2.8	.9	.2	.1								4.0	3.9	3.0
VARIABLE														
CALM	////////////////////////////////////											34.7	////////////////////////////////	
TOTALS	43.0	17.2	4.7	.3								100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.9	2.1	.2									10.2	3.6	3.0
020-040	2.8	.4										3.2	2.8	2.0
050-070	1.3											1.3	2.6	2.5
(E) 080-100	2.7	.1										2.8	2.4	2.0
110-130	3.0	1.2	.1									4.3	3.7	4.0
140-160	6.3	6.6	2.7	.3								15.9	6.1	5.0
(S) 170-190	5.6	2.0	.2									7.8	3.7	3.0
200-220	1.6											1.6	1.9	1.0
230-250	2.3											2.3	2.0	2.0
(W) 260-280	.9											.9	2.0	2.0
290-310	2.8											2.8	2.2	2.0
320-340	4.8	1.6	.2									6.6	3.6	3.0
VARIABLE														
CALM	////////////////////////////////////											40.3	////////////////////////////////	
TOTALS	42.0	14.0	3.4	.3								100.0	2.4	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.7	3.1	.3									12.1	3.8	3.0
020-040	5.1	.4										5.6	2.5	2.0
050-070	1.1	.3										1.4	3.4	3.0
(E) 080-100	1.7											1.7	2.0	2.0
110-130	2.7	.6										3.2	2.8	2.0
140-160	6.9	5.2	3.7	1.2	.1							17.1	6.9	6.0
(S) 170-190	6.2	3.0	.9	.1								10.2	4.7	4.0
200-220	1.7	.4										2.1	3.1	3.0
230-250	.9											.9	2.1	2.0
(W) 260-280	.9	.2										1.1	3.1	3.0
290-310	2.1	.1										2.2	2.5	2.0
320-340	6.8	3.0	.7									10.4	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											31.9	////////	
TOTALS	44.8	16.3	5.6	1.3	.1							100.0	3.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724817

STATION NAME: EEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	1.4	.6	.2								5.1	5.3	4.0
020-040	1.2	.1										1.3	3.1	3.0
050-070	.7											.7	1.5	1.0
(E) 080-100	.3	.2										.5	4.4	3.0
110-130	.4	.6										1.0	4.9	5.0
140-160	2.9	3.6	2.7	.8	.2							10.1	8.1	7.0
(S) 170-190	5.6	7.2	5.0	.4	.1							18.3	7.0	7.0
200-220	7.0	3.6	.4									11.0	4.2	4.0
230-250	6.4	.8										7.2	2.9	3.0
(W) 260-280	6.2	.2										6.4	2.8	3.0
290-310	7.0	2.2										9.2	3.6	4.0
320-340	9.3	6.2	2.9	.2	.1							18.8	5.7	5.0
VARIABLE														
CALM	////////////////////////////////////											10.2	////////	
TOTALS	49.9	26.1	11.6	1.6	.4							100.0	4.8	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	1.9	.2	.1								4.8	4.9	4.0
020-040	.6											.6	3.0	4.0
050-070	.1		.1									.2	7.0	7.0
(E) 080-100	.2	.1										.3	4.0	2.0
110-130	.1	.3	.1									.6	6.8	7.0
140-160	1.1	1.8	1.1	.3								4.3	7.8	8.0
(S) 170-190	2.7	6.6	4.1	.6								13.9	7.8	8.0
200-220	8.1	9.6	1.4									19.1	5.3	5.0
230-250	8.2	2.4	.1									10.8	3.6	3.0
(W) 260-280	9.0	1.3										10.3	3.0	3.0
290-310	.0	3.7	.7									12.3	4.3	4.0
320-340	5.8	6.0	3.8	.9								16.4	7.0	6.0
VARIABLE														
CALM	////////////////////////////////////											6.3	////////	
TOTALS	46.5	33.7	11.6	1.9								100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	.9	.4	.1								4.0	4.6	3.0
020-040	.2	.1	.1									.4	5.5	5.0
050-070	.2		.1									.3	6.7	4.0
(E) 080-100														
110-130	.3	.4	.4									1.2	7.5	7.0
140-160	1.0	2.3	1.6	.2								5.1	8.1	8.0
(S) 170-190	6.6	11.4	4.1	.1	.1							22.3	6.5	6.0
200-220	10.7	10.3	.6									21.6	4.8	5.0
230-250	5.1	1.7	.1									6.9	3.4	3.0
(W) 260-280	5.6	.8										6.3	2.9	2.0
290-310	5.2	3.6	.3									9.1	4.2	4.0
320-340	6.8	4.9	2.4	.4								14.6	6.0	5.0
VARIABLE														
CALM	////////////////////////////////////											8.1	////////	
TOTALS	44.3	36.4	10.1	.8	.1							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	.3	.1									1.7	3.6	2.0
020-040	1.6	.6	.3									2.4	4.9	3.0
050-070	2.7	.2	.1									3.0	2.7	2.0
(E) 080-100	4.7	.4	.1									5.2	2.8	2.0
110-130	5.3	2.3	.4		.1							8.2	4.4	4.0
140-160	7.6	6.2	2.1	.1								16.0	5.5	5.0
(S) 170-190	11.1	6.1	1.0									18.2	4.4	4.0
200-220	5.8	1.7	.1									7.6	3.5	3.0
230-250	1.2		.1									1.3	3.0	2.0
(W) 260-280	1.1	.1										1.2	3.0	3.0
290-310	2.1	.1										2.2	2.3	2.0
320-340	3.4	1.8	.1									5.3	3.8	3.5
VARIABLE														
CALM	////////////////////											27.6	////////	
TOTALS	47.8	19.8	4.4	.1	.1							100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	.4	.1									2.7	3.5	3.0
020-040	4.2	1.0										5.2	3.1	2.0
050-070	5.1	.8										5.9	2.6	2.0
(E) 080-100	6.6	1.4										8.0	3.1	2.5
110-130	8.4	4.2	.2	.1								13.0	4.2	4.0
140-160	8.9	9.6	3.4	.1								22.0	5.9	5.0
(S) 170-190	7.0	2.9	.6									10.4	4.3	4.0
200-220	1.3	.4										1.8	3.7	3.0
230-250	.3											.3	1.7	2.0
(W) 260-280	.8											.8	2.1	2.0
290-310	.4											.4	2.0	2.0
320-340	1.7	1.1	.1									2.9	4.2	4.0
VARIABLE														
CALM	////////////////////////////////////											26.6	////////	
TOTALS	46.8	21.8	4.4	.2								100.0	3.2	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
 LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
 MONTH: SEP HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	3.9	1.4	.3	.1								5.6	4.1	3.0
020-040	2.4	.5	.1									2.9	3.2	2.0
050-070	1.8	.2	.0									2.0	2.8	2.0
(E) 080-100	2.7	.4	.0									3.1	2.9	2.0
110-130	3.1	1.5	.2	.0	.0							4.8	4.3	4.0
140-160	5.4	5.3	2.5	.4	.0							13.7	6.3	6.0
(S) 170-190	6.5	5.3	2.1	.2	.0							14.2	5.6	5.0
200-220	4.7	3.3	.3									8.3	4.5	4.0
230-250	3.2	.6	.0									3.8	3.2	3.0
(W) 260-280	3.2	.3										3.5	2.8	3.0
290-310	3.6	1.2	.1									4.9	3.7	3.0
320-340	5.2	3.2	1.3	.2	.0							9.9	5.4	4.0
VARIABLE														
CALM	////////////////////////////////////											23.2	////////////////////////////////	
TOTALS	45.7	23.2	6.9	.9								100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	3.9										5.9	6.0	7.0
020-040	2.0											2.0	1.0	1.0
050-070														
(E) 080-100														
110-130	2.0	3.9										5.9	6.3	7.0
140-160			7.8	9.8	3.9							21.6	16.3	17.0
(S) 170-190	5.9	3.9	2.0									11.8	5.0	4.0
200-220	2.0	2.0										3.9	3.5	3.5
230-250	7.8											7.8	3.0	3.0
(W) 260-280	15.7											15.7	3.1	3.0
290-310	2.0	2.0										3.9	6.0	6.0
320-340	11.8	3.9										15.7	3.4	2.5
VARIABLE														
CALM	////////////////////////////////////											5.9	////////////////////////////////	
TOTALS	51.2	19.6	9.8	9.8	3.9							100.0	6.5	4.0

TOTAL NUMBER OF OBSERVATIONS 51

OPERATING LOCATION "A"
USAFETAC ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	2.0										6.8	3.4	3.0
020-040	4.3	.9	.1									5.3	3.1	3.0
050-070	4.4	.8										5.2	3.1	3.0
(E) 080-100	5.4	.9										6.2	3.1	3.0
110-130	4.9	2.6	.4									8.0	3.9	4.0
140-160	6.1	5.4	1.7	.2	.3							13.8	6.0	5.0
(S) 170-190	3.0	2.0	.2	.1								5.4	4.5	4.0
200-220	1.4	.1										1.5	2.1	2.0
230-250	1.2											1.2	1.7	2.0
(W) 260-280	1.3											1.3	2.4	2.0
290-310	1.7	.1										1.8	2.7	2.0
320-340	4.0	2.5	.4									6.9	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											36.8	////////	
TOTALS	42.4	17.3	2.8	.3	.3							100.0	2.6	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.4	1.8	.2									12.5	3.4	3.0
020-040	4.7	.5										5.3	2.8	2.0
050-070	1.8	.2										2.0	2.6	2.0
(E) 080-100	2.8	.3										3.1	2.6	2.0
110-130	5.1	2.6		.1								7.7	4.0	3.5
140-160	5.4	4.9	.6	.1	.2							11.3	5.4	5.0
(S) 170-190	2.9	1.7	.5	.1								5.3	4.9	4.0
200-220	.9	.1										1.0	2.4	2.0
230-250	1.0											1.0	1.8	2.0
(W) 260-280	1.3											1.3	2.3	2.0
290-310	2.8											2.8	2.1	2.0
320-340	4.6	2.8	.3	.1								7.8	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											38.9	////////	
TOTALS	43.7	14.9	1.6	.4	.2							100.0	2.4	3.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	11.5	2.3	.3									14.1	3.2	3.0
020-040	6.9	.4										7.3	2.6	2.0
050-070	1.6											1.6	1.9	2.0
(E) 080-100	2.2	.1										2.3	2.3	2.0
110-130	4.4	2.6	.2									7.2	4.2	4.0
140-160	4.1	5.1	2.0		.3							11.5	6.4	6.0
(S) 170-190	3.5	2.2	.5									6.2	4.6	4.0
200-220	1.4	.1										1.5	2.5	2.0
230-250	.4											.4	1.5	1.5
(W) 260-280	.6											.6	2.0	2.0
290-310	1.2	.1										1.3	2.6	2.0
320-340	6.9	2.3	.9									10.0	4.2	4.0
VARIABLE														
CALM	////////////////////////////////////											35.9	////////////////////////////////	
TOTALS	44.7	15.2	3.9		.3							100.0	2.6	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.8	1.7	.4	.1								8.1	4.1	4.0
020-040	1.3		.1									1.4	2.6	2.0
050-070	.4											.4	1.5	1.5
(E) 080-100	.4											.4	1.5	1.5
110-130	1.3	.6	.5									2.3	5.1	4.0
140-160	3.4	4.7	2.6	.6								11.4	7.1	7.0
(S) 170-190	5.9	5.8	2.8	.4								14.9	6.3	6.0
200-220	4.7	1.9	.1		.1							6.9	3.8	3.0
230-250	4.1	.4										4.5	2.6	2.0
(W) 260-280	4.3	.1										4.4	2.4	2.0
290-310	7.5	1.1										8.6	3.0	3.0
320-340	12.0	6.1	2.3	.6								21.1	5.1	4.0

VARIABLE														
CALM	////////////////////////////////////											15.6	////////////////////////////////	
TOTALS	51.1	22.4	8.6	1.7	.1							100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	1.7	.4	.2								5.8	4.8	4.0
020-040	1.2		.1									1.3	2.8	2.0
050-070	.4											.4	3.5	4.0
(E) 080-100	.1	.1										.2	5.0	5.0
110-130	.5	.2	.2									1.0	5.1	2.0
140-160	2.2	3.3	2.4	1.0								8.8	8.3	8.0
(S) 170-190	4.3	6.1	1.7	.3	.1							12.6	6.5	6.0
200-220	6.9	4.2	.2									11.3	4.2	4.0
230-250	6.0	1.6										7.6	3.3	3.0
(W) 260-280	7.7	.5										8.3	2.6	2.0
290-310	9.6	3.5	.1									13.2	3.7	4.0
320-340	8.2	7.0	3.0	1.3	.2							19.7	6.0	5.0
VARIABLE														
CALM	////////////////////////////////////											9.8	////////	
TOTALS	50.5	28.2	8.1	2.8	.3							100.0	4.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	1.4	.3		.1							5.7	4.2	3.0
020-040	.5	.3										.9	4.3	2.0
050-070	.4		.2									.6	5.8	4.0
(E) 080-100	.5	.2										.8	3.9	2.0
110-130	.8	.4	.2	.1								1.5	6.1	5.5
140-160	2.4	3.0	2.2	.5	.1							8.2	7.7	7.0
(S) 170-190	7.3	6.0	1.7	.1								15.2	5.2	5.0
200-220	8.0	2.0										10.0	3.4	3.0
230-250	4.2	.3										4.5	2.4	2.0
(W) 260-280	3.9											3.9	2.3	2.0
290-310	7.2	1.5	.1									8.8	3.0	2.0
320-340	10.5	5.4	3.3	.6	.1							20.0	5.7	4.0
VARIABLE														
CALM	////////////////////////////////////											20.0	////////	
TOTALS	49.6	20.5	8.0	1.3	.3							100.0	3.8	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	1.8	.1									5.5	3.6	3.0
020-040	4.0	.6	.2									4.8	3.3	3.0
050-070	5.1	.6										5.7	2.9	3.0
(E) 080-100	9.6	.9										10.4	2.8	2.0
110-130	7.2	3.1	.3									10.6	4.0	4.0
140-160	7.0	4.9	.8		.1							12.0	4.8	4.0
(S) 170-190	5.4	2.4	.5	.1								8.4	4.4	3.5
200-220	1.4											1.4	2.1	2.0
230-250	.3	.1										.4	4.0	4.0
(W) 260-280	.5											.5	2.0	2.0
290-310	1.2	.1										1.3	2.9	2.5
320-340	3.4	2.2	.4									6.0	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											32.0	////////////////////////////////	
TOTALS	48.6	16.7	2.3	.1	.1							100.0	2.6	3.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	1.5	.1									4.7	4.1	3.5
020-040	6.3	1.4	.2									8.0	3.2	3.0
050-070	8.1	.8										8.8	2.9	3.0
(E) 080-100	7.1	1.6	.2									8.9	3.4	3.0
110-130	6.9	4.0	.3									11.2	4.3	4.0
140-160	5.9	4.9	1.5	.1								12.5	5.4	5.0
(S) 170-190	2.5	2.3	.2									4.9	4.8	4.5
200-220	.8	.1										.9	2.4	2.0
230-250	.5											.5	2.6	3.0
(W) 260-280	.5											.5	2.6	2.0
290-310	.6	.3										1.0	3.4	4.0
320-340	3.1	1.3	.4									4.8	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											33.2	////////	
TOTALS	45.4	18.2	2.9	.1								100.0	2.7	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.8	1.8	.2	.0	.0							7.7	3.7	3.0
020-040	3.7	.5	.1									4.3	3.0	2.0
050-070	2.8	.3	.0									3.1	2.9	2.0
(E) 080-100	3.5	.5	.0									4.0	3.0	3.0
110-130	3.9	2.0	.3	.0								6.2	4.2	4.0
140-160	4.6	4.5	1.7	.3	.1							11.3	6.2	6.0
(S) 170-190	4.4	3.6	1.0	.1	.0							9.1	5.4	5.0
200-220	3.2	1.1	.0		.0							4.3	3.6	3.0
230-250	2.2	.3										2.5	2.7	2.0
(W) 260-280	2.5	.1										2.6	2.4	2.0
290-310	4.0	.8	.0									4.9	3.2	3.0
320-340	6.6	3.7	1.4	.3	.0							12.0	5.3	4.0
VARIABLE														
CALM	////////////////////////////////////											27.8	////////////////////////////////	
TOTALS	47.2	19.2	4.7	.7	.1							100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.7	2.9										11.6	3.8	4.0
020-040	2.9											2.9	2.5	2.5
050-070														
(E) 080-100														
110-130	2.9	1.4										4.3	5.7	4.0
140-160	4.3	1.4	1.4	1.4								8.7	7.5	6.5
(S) 170-190	7.2	11.6	8.7	2.9								30.4	8.3	7.0
200-220	4.3				1.4							5.8	7.5	3.5
230-250	4.3											4.3	1.7	2.0
(W) 260-280	1.4											1.4	2.0	2.0
290-310														
320-340	13.0	5.8										18.8	3.8	4.0
VARIABLE														
CALM	////////////////////////////////////											11.6	////////	
TOTALS	49.0	23.1	10.1	4.3	1.4							100.0	5.2	4.0

TOTAL NUMBER OF OBSERVATIONS 69

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.8	3.3	.2									10.3	4.0	4.0
020-040	5.9	.6										6.4	2.5	2.0
050-070	3.7	.1										3.8	2.3	2.0
(E) 080-100	5.8	1.3	.1									7.2	3.2	3.0
110-130	6.9	3.4	.3									10.7	4.2	4.0
140-160	3.0	4.7	4.2	.3	.2							12.4	7.9	8.0
(S) 170-190	1.3	2.0	1.4	.6								5.3	8.0	7.5
200-220	.8											.8	2.0	2.0
230-250	.2	.3										.6	4.6	5.0
(W) 260-280	.4	.4										.9	3.8	4.0
290-310	1.4	.1										1.6	2.6	2.0
320-340	3.3	1.7	.2									5.2	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											34.8	////////////////////////////////	
TOTALS	39.5	17.9	6.4	.9	.2							100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.0	2.6	.1									11.7	3.6	3.0
020-040	7.0	.4										7.4	2.4	2.0
050-070	2.8	.2										3.0	2.3	2.0
(E) 080-100	4.7	1.0	.1									5.8	3.3	3.0
110-130	5.0	3.3	.6									8.9	4.6	4.0
140-160	5.8	6.4	3.6	.8	.2							16.8	7.0	6.0
(S) 170-190	1.7	1.1	1.6	.1								4.4	7.0	7.0
200-220	1.0											1.0	2.2	2.0
230-250	.1											.1	2.0	2.0
(W) 260-280	1.4											1.4	2.1	2.0
290-310	1.7											1.7	2.5	2.0
320-340	4.9	1.9	.6									7.3	4.1	4.0
VARIABLE														
CALM	////////////////////////////////////											30.4	////////////////////////////////	
TOTALS	45.1	16.9	6.6	.9	.2							100.0	3.1	3.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.9	3.9	.2									13.0	3.7	4.0
020-040	4.2	.9										5.1	3.0	2.5
050-070	3.2											3.2	2.6	3.0
(E) 080-100	2.3	.6										2.9	3.0	2.5
110-130	2.7	2.6	.7									5.9	5.3	5.0
140-160	4.4	5.8	4.9	.6	.2	.2						16.1	8.0	7.0
(S) 170-190	2.4	2.4	.9	.2	.1							6.1	6.3	6.0
200-220	.3	.2	.1									.7	5.0	4.5
230-250	.4		.1									.6	4.4	2.0
(W) 260-280	.8	.1										.9	2.6	2.0
290-310	1.3	.2										1.6	2.9	2.5
320-340	6.0	2.4	.3									8.8	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											35.2	////////////////////////////////	
TOTALS	36.9	19.1	7.2	.8	.3	.2						100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.2	3.8	.6	.1								9.7	4.9	4.0
020-040	1.7	.1		.2								2.0	3.6	2.0
050-070	.3											.3	1.7	1.0
(E) 080-100	.6	.3										.9	3.4	3.0
110-130	1.9	.9	1.0	.1	.1							4.0	6.5	5.0
140-160	2.8	5.2	5.9	1.6	.6	.1						16.1	9.4	10.0
(S) 170-190	4.9	5.0	2.9	.6	.1							13.4	6.9	6.0
200-220	4.1	1.8	.1	.1								6.1	3.9	3.0
230-250	2.6	.4										3.0	2.9	3.0
(W) 260-280	3.0	.1										3.1	2.6	2.0
290-310	5.0	1.3										6.3	3.0	2.6
320-340	8.1	7.7	1.6	.2								17.6	5.4	5.0
VARIABLE														
CALM	////////////////////////////////////											17.4	////////////////////////////////	
TOTALS	40.2	26.6	12.1	2.9	.8	.1						100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	2.9	.6									7.3	4.6	4.0
020-040	1.2											1.2	2.4	2.0
050-070	.8											.8	1.9	2.0
(E) 080-100	.4											.4	2.0	2.0
110-130	1.1	.3	.1									1.6	4.1	3.5
140-160	2.6	5.4	4.6	1.9	.6	.4						15.4	9.8	9.0
(S) 170-190	5.4	6.9	3.7	.6	.1	.1						16.8	7.0	6.0
200-220	5.0	2.2	.9									8.1	4.6	4.0
230-250	3.3	.6	.4									4.3	3.5	2.0
(W) 260-280	3.6	.1										3.7	2.4	2.0
290-310	5.8	2.1	.3									8.2	3.8	4.0
320-340	6.9	8.6	3.9	1.2								20.6	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////											11.6	////////	
TOTALS	40.0	29.1	14.5	3.7	.7	.5						100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	2.2	.2	.1								6.8	4.2	3.0
020-040	1.2		.1									1.3	3.1	2.0
050-070	.3	.2										.6	3.2	1.0
(E) 080-100	.8	.2										1.0	3.1	3.0
110-130	2.1	1.1	.2									3.4	4.6	4.0
140-160	5.3	4.9	3.2	1.8	.6	.4						16.2	8.7	7.0
(S) 170-190	4.7	3.4	1.8	.6	.1							10.6	6.5	5.0
200-220	3.6	1.1	.1									4.8	3.9	3.0
230-250	2.3	.8	.1									3.2	3.7	3.0
(W) 260-280	2.2	.2	.1									2.6	2.9	2.0
290-310	6.3	.8	.2									7.3	3.0	2.0
320-340	10.0	6.6	2.3	.3								19.2	5.1	4.0

VARIABLE

CALM

//////////////////////////////////// 23.0 //////////////////////////////////

TOTALS

43.0 21.5 8.3 2.8 .7 .4 100.0 4.2 4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.6	1.9	.2									9.7	3.5	3.0
020-040	5.0	.4										5.4	2.3	2.0
050-070	5.6	.4										6.0	2.4	2.0
(E) 080-100	8.2	.9	.1									9.2	2.9	3.0
110-130	6.4	3.7	.6	.1								10.8	4.5	4.0
140-160	5.3	3.9	3.2	.4	.3	.1	.1	.1				13.6	7.6	6.5
(S) 170-190	2.1	1.4	1.1		.1	.1						4.9	6.6	5.5
200-220	.9	.1	.2	.2								1.4	5.9	4.0
230-250	.7											.7	2.2	1.5
(W) 260-280	.2											.2	3.0	3.0
290-310	1.8	.1										1.9	2.4	2.0
320-340	4.1	2.0	.1									6.2	3.8	3.0
VARIABLE														
CALM	////////////////////////////////////											30.0	////////	
TOTALS	47.9	14.8	5.5	.7	.4	.2	.1	.1				100.0	3.1	3.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.2	2.3	.1									8.7	3.6	3.0
020-040	6.7	.1										6.8	2.5	2.0
050-070	5.2	.2										5.4	2.3	2.0
(E) 080-100	7.3	.9										8.2	2.9	3.0
110-130	6.3	3.2	.2	.1								9.9	4.3	4.0
140-160	5.0	5.2	3.9	.2	.1							14.4	6.9	6.0
(S) 170-190	2.0	1.0	1.8	.2	.1							5.1	7.9	8.0
200-220	.6	.2										.8	4.0	4.0
230-250	.7	.1										.8	2.6	2.0
(W) 260-280	.8											.8	1.9	2.0
290-310	1.1	.2										1.3	2.6	2.0
320-340	4.8	1.4										6.2	3.7	3.0
VARIABLE														
CALM	////////////////////////////////////											31.6	////////////////////////////////	
TOTALS	46.7	14.8	6.0	.5	.2							100.0	3.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.5	2.9	.3	.0								9.6	4.0	4.0
020-040	4.1	.3	.0	.0								4.5	2.6	2.0
050-070	2.7	.2										2.9	2.4	2.0
(E) 080-100	3.8	.7	.0									4.5	3.0	3.0
110-130	4.1	2.3	.5	.0	.0							6.9	4.6	4.0
140-160	4.3	5.2	4.2	.9	.3	.2	.0	.0				15.1	8.2	8.0
(S) 170-190	3.1	2.9	1.9	.3	.1	.0						8.3	6.9	6.0
200-220	2.0	.7	.2	.0								3.0	4.2	4.0
230-250	1.3	.3	.1									1.7	3.3	2.0
(W) 260-280	1.6	.1	.0									1.7	2.6	2.0
290-310	3.1	.6	.1									3.7	3.1	2.0
320-340	6.0	4.0	1.1	.2								11.4	5.1	4.0
VARIABLE														
CALM	////////////////////											26.8	////////	
TOTALS	42.6	20.2	8.4	1.4	.4	.2						100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.8	3.4										10.2	3.8	4.0
020-040	1.6	.5										2.1	3.3	2.5
050-070	1.3	.4										1.6	3.3	3.0
(E) 080-100	1.4	.5										2.0	3.5	3.0
110-130	1.6	2.7	1.6									5.9	6.8	7.0
140-160	2.5	5.4	9.3	3.8	1.6	1.1		.2				23.7	12.1	12.0
(S) 170-190	5.2	3.8	6.3	2.1	.5	.2						18.0	9.2	10.0
200-220	2.9	.4	.4	.2								3.7	4.5	3.0
230-250	1.1	.2	.2									1.4	3.9	2.5
(W) 260-280	1.8	.4										2.1	2.9	3.0
290-310	3.4	.2										3.6	3.1	3.0
320-340	7.3	2.9	.2									10.4	3.6	3.0
VARIABLE														
CALM	////////////////////////////////////											15.2	////////	
TOTALS	36.9	20.8	18.0	6.1	2.1	1.3		.2				100.0	6.3	5.0

TOTAL NUMBER OF OBSERVATIONS 560

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.0	3.3	.2									9.6	4.3	4.0
020-040	5.8	.3										6.1	2.6	2.0
050-070	3.8	.1										3.9	2.4	2.0
(E) 080-100	4.2	1.3										5.5	3.6	3.0
110-130	4.3	5.1	.5	.1								10.0	5.2	5.0
140-160	5.4	4.2	2.6	.9								13.0	6.6	6.0
(S) 170-190	2.9	1.6	.4	.4	.1							5.5	5.5	4.0
200-220	1.2	.4										1.6	3.1	3.0
230-250	.5											.5	2.8	3.0
(W) 260-280	1.2											1.2	2.1	2.0
290-310	1.3											1.3	2.4	2.0
320-340	4.0	5.1	1.1									10.1	5.3	6.0
VARIABLE														
CALM	////////////////////////////////////											31.7	////////////////////////////////	
TOTALS	40.6	21.4	4.8	1.4	.1							100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 330

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.1	3.3	.4									9.9	4.2	4.0
020-040	5.2	.8										5.9	2.9	2.0
050-070	3.1	.5										3.7	2.9	2.0
(E) 080-100	4.2	1.0	.2									5.4	3.3	3.0
110-130	3.2	2.6	.5									6.3	5.3	4.0
140-160	4.5	4.6	3.7	.5	.3	.1						13.8	7.7	6.0
(S) 170-190	2.4	1.7	.4	.1								4.6	5.1	4.0
200-220	1.0											1.0	2.0	1.0
230-250	1.3	.1										1.4	2.4	2.0
(W) 260-280	1.6	.3	.1									2.0	3.3	3.0
290-310	2.6	.1										2.7	2.4	2.0
320-340	6.2	3.9	1.3									11.4	5.1	4.0
VARIABLE														
CALM	////////////////////////////////////											31.9	////////	
TOTALS	41.4	18.9	6.6	.6	.3	.1						100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.6	3.4	.2	.1								12.4	3.9	3.0
020-040	4.7	.9										5.6	2.8	2.5
050-070	3.0	.8										3.8	2.9	2.0
(E) 080-100	2.7	.5										3.2	3.4	3.0
110-130	4.0	2.3	.9									7.1	4.7	4.0
140-160	5.2	4.3	3.3	1.2	.5	.2						14.7	8.0	7.0
(S) 170-190	2.0	.5	.8		.1							3.4	5.6	3.5
200-220	.5	.5	.1									1.2	4.5	5.0
230-250	1.3	.1										1.4	2.3	2.0
(W) 260-280	.9											.9	1.9	2.0
290-310	1.8	.2	.1									2.2	3.3	3.0
320-340	5.6	4.7	1.2	.2								11.7	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											32.5	////////////////////////////////	
TOTALS	40.3	18.2	6.6	1.5	.6	.2						100.0	3.3	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.8	3.8	.8	.1								11.4	4.7	4.0
020-040	2.0	.4	.1	.3	.1							3.0	5.4	3.5
050-070	.8	.2										1.0	3.9	3.0
(E) 080-100	1.3	.1	.2									1.6	3.5	3.0
110-130	2.7	1.4	.2	.4								4.7	5.2	4.0
140-160	4.4	3.9	3.5	1.4	1.0	.6						14.8	9.7	8.0
(S) 170-190	5.4	2.8	2.3	.4		.1						11.0	6.3	5.5
200-220	3.7	.2	.2									4.1	3.0	2.0
230-250	1.9	.3										2.3	2.6	2.0
(W) 260-280	1.8	.2										2.0	2.3	2.0
290-310	5.1	.3										5.4	2.5	2.0
320-340	7.5	6.2	2.6	.6								17.0	5.9	5.0
VARIABLE														
CALM	////////////////////////////////////											21.7	////////	
TOTALS	43.4	19.8	9.9	3.2	1.1	.7						100.0	4.5	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	4.8	2.6	.3	.1	.2							8.1	4.9	4.0
020-040	1.3	.1	.2	.4		.1						2.2	7.3	3.0
050-070	.3				.1		.1					.5	12.4	2.0
(E) 080-100	.3	.2										.5	4.4	3.0
110-130	1.6	1.1	.4									3.1	5.2	4.0
140-160	2.5	4.1	3.4	1.7	1.2	.3						13.2	10.5	10.0
(S) 170-190	4.7	4.7	1.4	1.2	.3	.1						12.5	7.2	6.0
200-220	5.9	1.6		.1								7.6	3.5	3.0
230-250	3.9	.3	.1									4.3	2.6	2.0
(W) 260-280	3.5	.2	.1									3.9	2.6	2.0
290-310	5.7	1.1	.4	.3								7.5	4.2	3.5
320-340	9.1	7.7	3.0	1.2	.1							21.2	6.4	5.0
VARIABLE														
CALM	////////////////////////////////////										15.4	////////////////////////////////		
TOTALS	43.6	23.7	9.3	5.0	1.9	.5	.1					100.0	5.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	1.6	.5	.1								6.7	4.5	3.0
020-040	1.4	.5	.9	.1	.2							3.1	7.4	5.0
050-070	.5											.5	1.4	1.0
(E) 080-100	1.4	.1										1.5	2.6	2.5
110-130	1.3	1.9	.3									3.5	5.5	6.0
140-160	4.2	4.4	2.4	1.5	1.3	.1						13.9	8.9	8.0
(S) 170-190	5.6	2.8	1.4	.3	.4		.1					10.6	6.3	4.0
200-220	4.8	.5	.3									5.7	3.0	2.0
230-250	2.6	.5	.1									3.2	3.3	2.5
(W) 260-280	1.4	.1										1.5	2.6	2.0
290-310	4.5	.9										5.4	2.7	2.0
320-340	10.5	7.1	2.8	.6								21.1	5.6	4.5
VARIABLE														
CALM	////////////////////////////////////											23.2	////////	
TOTALS	42.6	20.4	8.7	2.6	1.9	.1	.1					100.0	4.3	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 30 - MAY 90
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.6	2.2	.2									8.9	3.7	3.0
020-040	5.3	.8	.3		.2							6.6	3.9	2.0
050-070	4.3	.1										4.4	2.5	2.0
(E) 080-100	6.0	1.0										7.0	2.8	2.0
110-130	5.4	3.1	.5	.1								9.1	4.3	4.0
140-160	5.5	4.2	2.3	.6	.6	.2						13.4	7.3	6.0
(S) 170-190	2.9	1.5	.9	.4	.1							5.8	6.5	4.5
200-220	1.4											1.4	2.4	2.0
230-250	.4											.4	2.0	1.5
(W) 260-280	.8		.1									.9	3.1	2.5
290-310	1.4	.1										1.5	2.3	2.0
320-340	4.1	3.4	1.3	.2								9.0	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////											31.5	////////	
TOTALS	44.1	16.4	5.6	1.3	.9	.2						100.0	3.3	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.9	3.0	.3									10.2	4.0	3.0
020-040	5.5	1.5	.1	.1	.2							7.4	4.1	3.0
050-070	4.9											4.9	1.9	2.0
(E) 080-100	3.9	1.0										4.8	3.2	3.0
110-130	5.6	4.0	.2									9.8	4.5	4.0
140-160	4.4	4.3	2.7	.9	.2							12.5	7.2	6.0
(S) 170-190	4.0	1.3	.5	.3								6.1	4.7	4.0
200-220	1.0	.1	.1									1.2	3.3	2.0
230-250	.4											.4	1.3	1.0
(W) 260-280	.5											.5	1.8	1.0
290-310	1.6											1.6	2.0	2.0
320-340	4.5	3.0	.8									8.3	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											32.2	////////	
TOTALS	43.2	18.2	4.7	1.3	.4							100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.3	2.9	.4	.1	.0							9.6	4.2	4.0
020-040	3.9	.7	.2	.1	.1	.0						5.0	4.0	3.0
050-070	2.6	.2			.0		.0					2.8	2.7	2.0
(E) 080-100	3.0	.6	.1									3.7	3.2	3.0
110-130	3.5	2.7	.5	.1								6.7	4.9	4.0
140-160	4.5	4.2	3.0	1.1	.6	.2						13.7	8.3	7.0
(S) 170-190	3.7	2.1	1.0	.4	.1	.0	.0					7.4	6.1	4.0
200-220	2.4	.4	.1	.0								3.0	3.2	2.0
230-250	1.5	.2	.0									1.7	2.7	2.0
(W) 260-280	1.5	.1	.0									1.6	2.6	2.0
290-310	3.0	.3	.1	.0								3.4	3.0	2.0
320-340	6.5	5.1	1.7	.4	.0							13.7	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////											27.5	////////	
TOTALS	42.4	19.5	7.1	2.2	.8	.2						100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.8	2.2										8.0	3.8	4.0
020-040	2.5	.3	.1									2.9	3.0	3.0
050-070	1.7	.2										1.8	2.9	3.0
(E) 080-100	3.0	.5	.1									3.5	2.9	2.0
110-130	3.9	1.1	.4									5.4	3.9	4.0
140-160	5.4	3.5	2.2	.9	.5	.3						12.8	7.6	6.0
(S) 170-190	4.9	2.4	2.1	.6	.5		.1					10.6	7.2	5.0
200-220	4.2	.5	.2									4.9	3.0	2.0
230-250	2.2	.1										2.3	2.2	2.0
(W) 260-280	1.5	.2	.1									1.8	3.0	2.0
290-310	4.2	.4										4.6	2.5	2.0
320-340	7.6	5.5	.3									13.4	4.3	4.0
VARIABLE														
CALM	////////////////////											28.0	////////	
TOTALS	46.9	16.9	5.5	1.5	1.0	.3	.1					100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 1084

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	1.8	.3	.1	.0							6.3	4.3	4.0
020-040	2.7	.5	.1	.0	.0	.0						3.3	3.3	2.0
050-070	1.9	.2	.0	.0	.0		.0					2.2	2.8	2.0
(E) 080-100	2.7	.6	.0		.0							3.3	3.2	3.0
110-130	3.6	2.3	.3	.0	.0							6.3	4.6	4.0
140-160	5.4	6.3	3.5	.8	.3	.1	.0	.0				16.2	7.2	6.0
(S) 170-190	5.8	5.6	2.4	.4	.1	.0	.0					14.3	6.3	6.0
200-220	4.0	2.5	.5	.0	.0	.0						7.0	4.7	4.0
230-250	2.5	.7	.1	.0								3.3	3.5	3.0
(W) 260-280	2.3	.3	.0	.0								2.6	3.0	2.0
290-310	3.2	1.1	.2	.0								4.5	3.9	3.0
320-340	4.8	3.5	1.4	.4	.1	.0						10.1	5.8	5.0
VARIABLE														
CALM	////////////////////////////////////											20.6	////////	
TOTALS	43.0	25.4	8.8	1.7	.5	.1						100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS: 87640

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.4	2.9										8.2	4.0	4.0
020-040	2.2	.8	.0									3.0	3.5	3.0
050-070	1.1	.1										1.3	2.8	2.0
(E) 080-100	1.9	.4	.1									2.4	3.3	3.0
110-130	3.2	1.6	.5		.0							5.3	4.8	4.0
140-160	5.1	4.6	5.4	2.5	.9	.3		.0				18.8	9.5	9.0
(S) 170-190	5.3	3.4	3.2	1.7	1.2	.2	.0					14.8	9.0	7.0
200-220	3.3	.5	.2	.0	.0							4.0	3.5	2.0
230-250	2.0	.1	.1									2.2	3.0	2.0
(W) 260-280	2.1	.2	.0									2.3	2.5	2.0
290-310	3.4	.3										3.7	2.7	2.0
320-340	6.7	3.8	.3									10.8	4.2	4.0
VARIABLE														
CALM	////////////////////											23.2	////////	
TOTALS	41.7	18.7	9.8	4.2	2.1	.5						100.0	4.7	4.0

TOTAL NUMBER OF OBSERVATIONS: 3511

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

D - 1 - 1

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET--"NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR
1/8 THRU 4/8.....SCATTERED
5/8 THRU 7/8.....BROKEN
8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.

D - 1 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.0	42.0	44.1	44.9	46.0	46.0	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.8	46.9	47.0
GE 20000	42.6	43.9	46.0	46.9	48.5	48.5	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.4	49.5
GE 18000	42.8	44.1	46.2	47.1	48.7	48.7	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.6	49.7
GE 16000	42.8	44.1	46.2	47.1	48.7	48.7	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.6	49.7
GE 14000	43.3	44.6	46.9	48.0	49.8	49.8	50.4	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.8	50.9
GE 12000	45.4	46.8	49.0	50.1	52.0	52.0	52.8	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.2	53.3
GE 10000	47.3	48.9	51.3	52.5	54.5	54.5	55.5	55.7	55.7	55.7	55.8	55.8	55.9	55.9	56.0	56.1
GE 9000	47.3	48.9	51.3	52.5	54.5	54.5	55.5	55.7	55.7	55.7	55.8	55.8	55.9	55.9	56.0	56.1
GE 8000	49.9	51.5	54.2	55.5	57.7	57.7	58.7	58.9	58.9	59.2	59.4	59.4	59.5	59.5	59.6	59.7
GE 7000	50.2	51.9	54.6	55.9	58.5	58.5	59.5	59.7	59.7	60.0	60.1	60.1	60.2	60.2	60.3	60.4
GE 6000	51.5	53.2	56.1	57.5	60.2	60.2	61.2	61.4	61.4	61.7	61.8	61.8	61.9	61.9	62.0	62.2
GE 5000	53.9	55.7	58.8	60.2	62.9	62.9	63.9	64.1	64.1	64.4	64.5	64.5	64.6	64.6	64.7	64.8
GE 4500	54.0	55.8	58.9	60.3	63.0	63.0	64.0	64.2	64.2	64.5	64.6	64.6	64.7	64.7	64.8	64.9
GE 4000	57.2	59.8	63.4	65.1	67.7	67.7	68.7	68.9	68.9	69.2	69.4	69.4	69.5	69.5	69.6	69.7
GE 3500	57.6	60.2	64.2	66.1	68.8	68.8	69.8	70.0	70.0	70.3	70.4	70.4	70.5	70.5	70.6	70.8
GE 3000	59.0	61.8	65.8	67.7	70.6	70.6	71.6	71.8	71.8	72.2	72.3	72.3	72.4	72.4	72.5	72.6
GE 2500	59.1	61.9	66.1	68.3	71.3	71.3	72.3	72.5	72.5	72.8	72.9	72.9	73.0	73.0	73.1	73.2
GE 2000	59.5	62.4	66.7	69.0	72.5	72.5	73.5	73.8	73.8	74.1	74.2	74.2	74.3	74.3	74.4	74.5
GE 1800	59.5	62.4	66.9	69.2	72.7	72.7	73.8	74.0	74.0	74.3	74.4	74.4	74.5	74.5	74.6	74.7
GE 1600	59.8	63.0	67.5	70.1	73.7	73.7	74.7	74.9	74.9	75.3	75.4	75.4	75.5	75.5	75.6	75.7
GE 1200	60.4	63.7	68.6	71.2	74.7	74.7	75.8	76.0	76.0	76.3	76.5	76.5	76.6	76.6	76.7	76.8
GE 1000	61.1	64.3	69.5	72.4	75.9	75.9	77.0	77.2	77.2	77.8	78.0	78.0	78.1	78.1	78.2	78.3
GE 900	61.4	64.6	69.9	72.9	76.5	76.6	77.6	77.8	78.1	78.7	78.8	78.8	78.9	78.9	79.0	79.1
GE 800	61.7	64.9	70.2	73.3	77.1	77.2	78.3	78.5	78.7	79.4	79.5	79.5	79.6	79.6	79.7	79.9
GE 700	61.8	65.1	70.8	73.9	77.6	77.7	78.8	79.0	79.2	79.9	80.0	80.0	80.1	80.1	80.2	80.4
GE 600	61.9	65.2	70.9	74.3	78.4	78.5	79.6	80.2	80.4	81.1	81.2	81.2	81.3	81.3	81.4	81.8
GE 500	61.9	65.2	70.9	74.3	78.7	78.8	80.1	81.0	81.2	81.8	81.9	81.9	82.0	82.0	82.2	82.7
GE 400	62.3	65.6	71.2	74.8	79.8	79.9	81.3	82.3	82.9	83.9	84.1	84.1	84.3	84.7	84.8	85.7
GE 300	62.3	65.6	71.2	74.8	79.9	80.0	81.5	82.6	83.2	84.7	85.1	85.1	85.7	86.2	86.5	87.8
GE 200	62.3	65.6	71.2	74.8	80.1	80.2	81.7	83.0	83.8	85.9	86.8	86.8	87.6	88.3	89.2	92.5
GE 100	62.3	65.6	71.2	74.8	80.1	80.2	81.7	83.0	83.8	86.1	87.0	87.0	88.0	88.8	90.1	96.6
GE 000	62.3	65.6	71.2	74.8	80.1	80.2	81.7	83.0	83.8	86.1	87.0	87.0	88.0	88.8	90.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.2	38.0	39.5	40.9	41.3	41.4	41.8	41.8	41.8	42.2	42.4	42.4	42.7	42.8	42.9	43.2
GE 20000	40.8	41.5	43.2	44.6	45.4	45.5	45.9	45.9	45.9	46.2	46.5	46.5	46.8	46.9	47.0	47.3
GE 18000	41.3	42.0	43.8	45.2	45.9	46.0	46.5	46.5	46.5	46.8	47.0	47.0	47.3	47.4	47.5	47.8
GE 16000	41.4	42.2	43.9	45.3	46.0	46.1	46.6	46.6	46.6	46.9	47.1	47.1	47.4	47.5	47.6	48.0
GE 14000	42.0	42.8	44.5	46.1	46.9	47.0	47.4	47.5	47.5	47.8	48.1	48.1	48.4	48.5	48.6	48.9
GE 12000	43.2	44.1	45.8	47.4	48.2	48.3	49.0	49.1	49.1	49.5	49.7	49.7	50.0	50.1	50.2	50.5
GE 10000	45.1	46.0	47.8	49.6	50.3	50.4	51.3	51.4	51.4	51.7	51.9	51.9	52.3	52.4	52.5	52.8
GE 9000	45.1	46.0	47.8	49.6	50.3	50.4	51.3	51.4	51.4	51.7	51.9	51.9	52.3	52.4	52.5	52.8
GE 8000	48.1	49.0	51.5	53.2	54.1	54.2	55.1	55.2	55.2	55.7	55.9	55.9	56.2	56.2	56.5	56.8
GE 7000	48.4	49.4	51.8	53.5	54.7	54.8	55.7	55.8	55.8	56.3	56.6	56.6	56.9	57.0	57.1	57.4
GE 6000	50.1	51.3	53.9	55.7	56.9	57.0	57.8	58.0	58.0	58.5	58.7	58.7	59.0	59.1	59.2	59.6
GE 5000	52.4	53.7	56.5	58.3	59.7	59.8	60.8	60.9	60.9	61.5	61.7	61.7	62.0	62.2	62.3	62.6
GE 4500	52.7	54.0	56.8	58.6	60.0	60.1	61.1	61.2	61.2	61.8	62.0	62.0	62.4	62.5	62.6	62.9
GE 4000	55.2	56.8	59.9	61.8	63.2	63.3	64.3	64.4	64.4	65.1	65.3	65.3	65.6	65.7	65.8	66.1
GE 3500	55.8	57.4	60.5	62.7	64.1	64.2	65.2	65.3	65.3	65.9	66.1	66.1	66.5	66.6	66.7	67.0
GE 3000	57.2	59.0	62.3	64.4	65.8	65.9	66.9	67.0	67.0	67.6	67.8	67.8	68.2	68.3	68.4	68.7
GE 2500	57.7	59.6	63.0	65.5	66.9	67.0	68.2	68.3	68.3	68.9	69.1	69.1	69.5	69.6	69.7	70.0
GE 2000	58.1	60.0	63.8	66.6	68.1	68.3	69.5	69.6	69.6	70.2	70.4	70.4	70.8	70.9	71.0	71.3
GE 1800	58.1	60.1	63.9	66.7	68.3	68.5	69.8	69.9	69.9	70.5	70.8	70.8	71.1	71.2	71.3	71.6
GE 1500	58.4	60.8	64.5	67.3	69.1	69.4	70.6	70.9	70.9	71.5	71.7	71.7	72.0	72.2	72.3	72.6
GE 1200	58.7	61.1	65.2	68.4	70.3	70.5	71.8	72.0	72.0	72.7	72.9	72.9	73.2	73.3	73.4	73.8
GE 1000	59.4	61.8	66.1	69.6	71.8	72.0	73.3	73.5	73.5	74.2	74.4	74.4	74.7	74.8	74.9	75.3
GE 900	59.8	62.3	66.7	70.1	72.5	72.8	74.1	74.3	74.4	75.1	75.3	75.3	75.6	75.7	75.8	76.1
GE 800	60.0	62.5	66.9	70.3	72.9	73.1	74.4	74.6	74.7	75.4	75.6	75.6	75.9	76.0	76.1	76.8
GE 700	60.2	62.7	67.1	70.6	73.2	73.4	74.7	74.9	75.1	75.7	75.9	75.9	76.2	76.3	76.5	77.1
GE 600	60.6	63.1	67.6	71.3	74.1	74.5	76.0	76.3	76.5	77.2	77.4	77.4	77.7	77.8	78.1	79.1
GE 500	60.6	63.1	67.6	71.4	74.5	74.9	76.5	77.1	77.2	78.1	78.3	78.3	78.8	79.0	79.2	80.4
GE 400	60.6	63.1	67.6	71.5	75.4	75.9	78.1	78.7	79.1	80.4	80.9	80.9	81.5	82.0	82.3	83.8
GE 300	60.6	63.1	67.6	71.5	75.5	76.0	78.5	79.4	79.9	81.8	82.6	82.6	83.4	84.2	84.6	86.5
GE 200	60.6	63.1	67.6	71.5	75.5	76.0	78.7	79.6	80.1	82.3	83.5	83.7	85.4	86.2	87.6	91.0
GE 100	60.6	63.1	67.6	71.5	75.5	76.0	78.7	79.6	80.1	82.3	83.8	83.9	85.8	86.7	88.5	96.3
GE 000	60.6	63.1	67.6	71.5	75.5	76.0	78.7	79.6	80.1	82.3	83.8	83.9	85.8	86.7	88.5	100.0

TOTAL NUMBER OF OBSERVATIONS 910

OPERATING LOCATION "A"
USAF TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA

PERIOD OF RECORD: JUN 80 - MAY 90

LST TO UTC: + 8

MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.2	34.0	35.3	36.2	37.8	38.1	38.3	38.3	38.4	38.9	38.9	38.9	39.4	39.5	39.6	39.9
GE 20000	36.5	37.2	38.6	39.6	41.4	41.8	42.0	42.0	42.2	42.7	42.7	42.7	43.1	43.2	43.3	43.8
GE 18000	37.1	38.0	39.4	40.3	42.2	42.6	42.8	42.8	42.9	43.4	43.4	43.4	43.9	44.0	44.1	44.5
GE 16000	37.1	38.0	39.4	40.3	42.2	42.6	42.8	42.8	42.9	43.4	43.4	43.4	43.9	44.0	44.1	44.5
GE 14000	37.8	38.7	40.2	41.3	43.3	43.8	44.0	44.0	44.1	44.6	44.6	44.6	45.1	45.2	45.3	45.7
GE 12000	39.2	40.2	41.8	42.9	44.9	45.4	45.7	46.0	46.1	46.7	46.7	46.7	47.1	47.2	47.3	47.7
GE 10000	41.9	43.0	45.3	46.5	48.8	49.2	49.7	50.2	50.3	50.9	51.0	51.0	51.4	51.5	51.6	52.0
GE 9000	41.9	43.0	45.3	46.5	48.8	49.2	49.7	50.2	50.3	50.9	51.0	51.0	51.4	51.5	51.6	52.0
GE 8000	43.7	44.7	47.1	48.4	51.0	51.4	51.9	52.6	52.7	53.2	53.3	53.3	53.8	53.9	54.0	54.5
GE 7000	43.9	45.1	47.5	48.9	51.6	52.0	52.6	53.2	53.3	53.9	54.0	54.0	54.4	54.5	54.6	55.2
GE 6000	44.9	46.1	48.8	50.2	53.2	53.7	54.3	54.9	55.1	55.7	55.8	55.8	56.2	56.3	56.5	57.0
GE 5000	46.7	48.1	51.1	52.6	55.6	56.0	56.9	57.5	57.7	58.5	58.6	58.6	59.0	59.1	59.2	59.9
GE 4500	46.7	48.1	51.1	52.6	55.6	56.0	56.9	57.5	57.7	58.5	58.6	58.6	59.0	59.1	59.2	59.9
GE 4000	48.3	50.1	54.1	55.8	59.0	59.5	60.3	61.2	61.4	62.2	62.3	62.3	62.7	62.8	62.9	63.5
GE 3500	49.1	51.0	54.9	56.9	60.4	60.9	61.7	62.6	62.8	63.5	63.7	63.7	64.1	64.2	64.3	64.9
GE 3000	50.8	52.6	57.0	58.9	62.9	63.3	64.2	65.1	65.3	66.0	66.1	66.2	66.7	66.8	66.9	67.5
GE 2500	51.0	53.0	57.4	59.7	64.0	64.5	65.4	66.2	66.5	67.2	67.3	67.4	67.8	68.0	68.1	68.7
GE 2000	51.7	53.8	58.4	60.6	64.9	65.5	66.3	67.2	67.4	68.2	68.3	68.4	68.8	68.9	69.0	69.7
GE 1800	51.7	53.8	58.4	60.6	65.1	65.6	66.5	67.3	67.5	68.3	68.4	68.5	68.9	69.0	69.1	69.8
GE 1500	52.4	54.4	59.2	61.8	66.5	67.1	68.3	69.1	69.4	70.1	70.3	70.4	70.9	71.0	71.1	71.7
GE 1200	53.8	55.9	60.9	63.7	68.9	69.7	71.0	71.8	72.0	72.8	73.0	73.1	73.5	73.7	73.8	74.6
GE 1000	54.0	56.1	61.1	63.9	69.1	69.9	71.2	72.0	72.3	73.0	73.2	73.3	73.8	73.9	74.0	74.8
GE 900	54.2	56.3	61.4	64.3	69.7	70.4	71.7	72.6	72.8	73.5	73.8	73.9	74.3	74.4	74.5	75.4
GE 800	54.2	56.3	61.4	64.3	69.7	70.5	71.9	72.9	73.1	73.9	74.1	74.2	74.6	74.7	74.8	75.7
GE 700	54.3	56.5	61.5	64.6	70.4	71.3	72.7	73.7	73.9	74.6	74.8	74.9	75.4	75.5	75.6	76.7
GE 600	54.6	56.8	61.8	65.2	71.5	72.5	74.0	74.9	75.2	75.9	76.1	76.2	76.8	77.0	77.1	78.4
GE 500	54.7	56.9	61.9	65.7	72.6	73.8	75.3	76.3	76.6	77.3	77.6	77.7	78.3	78.6	78.8	80.2
GE 400	54.9	57.1	62.4	66.1	73.2	74.4	76.0	77.3	77.7	79.1	79.7	79.8	80.4	80.8	81.2	82.6
GE 300	54.9	57.1	62.6	66.3	73.7	74.8	77.2	78.5	79.1	80.9	81.5	81.6	82.4	82.9	83.5	85.3
GE 200	54.9	57.1	62.6	66.3	73.7	74.8	77.7	78.9	79.6	81.5	82.6	82.7	84.0	84.9	86.6	90.5
GE 100	54.9	57.1	62.6	66.3	73.8	74.9	77.5	79.1	79.9	81.9	83.0	83.1	84.5	85.5	87.6	97.1
GE 000	54.9	57.1	62.6	66.3	73.8	74.9	77.5	79.1	79.9	81.9	83.0	83.1	84.5	85.5	87.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHFVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.2	30.8	32.8	34.8	36.8	36.8	37.1	37.3	37.3	37.4	37.6	37.6	38.0	38.0	38.2	38.3
GE 20000	35.1	35.8	37.8	40.0	42.0	42.0	42.5	42.7	42.7	42.8	43.0	43.0	43.5	43.5	43.8	42.9
GE 18000	35.9	36.7	38.7	40.9	42.9	42.9	43.3	43.5	43.5	43.7	43.9	43.9	44.4	44.4	44.6	44.7
GE 16000	36.0	36.8	38.8	41.0	43.0	43.0	43.4	43.7	43.7	43.8	44.0	44.0	44.5	44.5	44.7	44.8
GE 14000	37.5	38.3	40.4	42.6	45.1	45.1	45.5	45.8	45.8	46.0	46.2	46.2	46.8	46.8	47.0	47.1
GE 12000	38.9	39.7	41.8	44.0	46.5	46.5	46.9	47.2	47.2	47.4	47.6	47.6	48.2	48.2	48.4	48.5
GE 10000	40.8	41.5	44.0	46.1	48.6	48.7	49.1	49.5	49.5	49.7	49.9	49.9	50.4	50.4	50.6	50.8
GE 9000	41.0	41.7	44.2	46.3	48.8	48.9	49.4	49.7	49.7	49.9	50.1	50.1	50.6	50.6	50.9	51.0
GE 8000	43.1	43.9	46.5	48.7	51.6	51.8	52.4	52.7	52.7	52.9	53.1	53.1	53.7	53.7	53.9	54.1
GE 7000	43.8	44.5	47.1	49.5	52.6	52.8	53.5	53.9	53.9	54.1	54.3	54.3	54.8	54.8	55.1	55.3
GE 6000	44.5	45.5	48.5	51.0	54.5	54.7	55.6	56.2	56.2	56.6	56.8	56.8	57.3	57.3	57.5	57.7
GE 5000	45.8	47.1	50.4	53.0	57.0	57.2	58.2	58.8	58.8	59.4	59.6	59.6	60.1	60.1	60.3	60.5
GE 4500	45.9	47.2	50.5	53.2	57.2	57.4	58.4	59.0	59.0	59.8	60.0	60.0	60.5	60.5	60.8	61.0
GE 4000	47.6	48.9	52.5	56.1	60.4	60.6	61.7	62.4	62.4	63.2	63.4	63.4	64.0	64.0	64.2	64.4
GE 3500	48.3	49.8	53.3	57.0	61.3	61.5	62.6	63.2	63.2	64.1	64.3	64.3	64.8	64.8	65.1	65.3
GE 3000	49.4	51.0	54.7	58.4	63.0	63.2	64.4	65.2	65.2	66.0	66.2	66.2	66.8	66.8	67.0	67.2
GE 2500	49.4	51.0	54.7	58.5	63.3	63.5	65.1	65.8	65.8	66.7	66.9	66.9	67.4	67.4	67.6	67.8
GE 2000	51.2	52.9	56.8	60.6	66.2	66.6	68.1	68.8	68.8	69.7	69.9	69.9	70.4	70.4	70.6	70.9
GE 1800	51.2	52.9	56.8	60.6	66.5	66.8	68.4	69.1	69.1	70.0	70.2	70.2	70.8	70.8	71.0	71.2
GE 1500	51.7	53.4	57.5	61.4	67.3	67.7	69.7	70.4	70.5	71.4	71.6	71.6	72.2	72.2	72.4	72.6
GE 1200	52.6	54.3	58.7	62.9	68.9	69.4	71.6	72.4	72.5	73.3	73.5	73.5	74.1	74.1	74.3	74.5
GE 1000	53.1	54.9	59.4	63.8	70.3	70.8	73.0	73.8	73.9	74.8	75.1	75.1	75.7	75.7	75.9	76.1
GE 900	53.2	55.1	59.6	64.0	70.5	71.1	73.3	74.1	74.2	75.2	75.4	75.4	76.0	76.0	76.2	76.5
GE 800	53.3	55.3	60.2	64.7	71.6	72.3	74.8	75.6	75.7	76.7	76.9	76.9	77.5	77.5	77.7	78.0
GE 700	53.3	55.3	60.4	64.9	72.4	73.0	75.9	76.8	76.9	78.0	78.2	78.2	78.8	78.8	79.2	79.7
GE 600	53.3	55.3	60.4	65.1	72.7	73.3	76.8	77.6	77.7	78.8	79.0	79.0	79.9	79.9	80.3	81.0
GE 500	53.3	55.3	60.4	65.1	73.7	74.4	78.2	79.5	79.6	80.9	81.1	81.1	82.0	82.0	82.5	83.1
GE 400	53.5	55.5	60.8	65.4	74.4	75.4	79.4	80.6	81.1	82.5	83.0	83.2	84.3	84.3	84.7	85.5
GE 300	53.5	55.5	60.8	65.4	74.5	75.5	79.9	81.4	81.9	83.8	84.9	85.2	86.7	86.8	87.6	88.9
GE 200	53.5	55.5	60.8	65.5	74.7	75.7	80.3	82.0	82.7	84.7	86.5	86.8	89.7	89.8	91.8	94.9
GE 100	53.5	55.5	60.8	65.6	74.8	75.8	80.4	82.2	82.8	84.8	86.8	87.1	90.0	90.4	93.3	98.9
GE 000	53.5	55.5	60.8	65.6	74.8	75.8	80.4	82.2	82.8	84.8	86.8	87.1	90.0	90.4	93.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.9	34.7	37.3	39.4	41.5	41.7	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0
GE 20000	37.6	40.0	42.8	45.5	47.8	48.1	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4
GE 18000	38.5	40.9	43.7	46.3	48.7	48.9	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2
GE 16000	38.5	40.9	43.7	46.3	48.7	48.9	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2
GE 14000	40.2	42.7	45.5	48.2	50.9	51.1	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4
GE 12000	41.3	43.8	46.6	49.2	52.2	52.4	52.6	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7
GE 10000	43.4	46.2	49.2	51.9	54.9	55.2	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5
GE 9000	43.7	46.5	49.5	52.2	55.2	55.4	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
GE 8000	46.0	49.2	52.5	55.3	58.4	58.6	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9
GE 7000	47.0	50.4	53.8	56.7	60.0	60.2	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5
GE 6000	47.7	51.3	54.7	57.7	61.3	61.5	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8
GE 5000	48.6	52.4	56.1	59.4	63.0	63.3	63.9	64.0	64.0	64.3	64.4	64.4	64.4	64.4	64.4	64.4
GE 4500	48.6	52.4	56.1	59.5	63.1	63.4	64.0	64.1	64.1	64.6	64.7	64.7	64.7	64.7	64.7	64.7
GE 4000	50.2	54.0	58.1	61.9	66.0	66.3	67.0	67.1	67.1	67.6	67.7	67.7	67.7	67.7	67.7	67.7
GE 3500	50.9	54.7	58.9	62.8	66.9	67.2	67.8	68.0	68.0	68.5	68.6	68.6	68.6	68.6	68.6	68.6
GE 3000	52.4	56.5	61.1	65.5	70.2	70.5	71.2	71.3	71.3	71.8	71.9	71.9	71.9	71.9	71.9	71.9
GE 2500	52.8	56.9	61.5	65.9	70.8	71.1	71.8	72.0	72.0	72.6	72.7	72.7	72.7	72.7	72.7	72.7
GE 2000	53.9	58.0	62.7	67.2	72.4	72.7	73.7	73.9	73.9	74.4	74.5	74.5	74.5	74.5	74.5	74.5
GE 1800	54.0	58.1	62.9	67.4	72.7	73.0	74.0	74.2	74.2	74.7	74.8	74.8	74.8	74.8	74.8	74.8
GE 1500	54.8	58.9	63.9	68.5	74.2	74.6	75.7	76.0	76.0	76.6	76.7	76.7	76.7	76.7	76.7	76.7
GE 1200	56.0	60.3	65.9	71.0	76.7	77.3	78.7	79.0	79.0	79.6	79.7	79.7	79.7	79.7	79.7	79.7
GE 1000	56.5	60.8	66.5	71.9	77.8	78.5	79.9	80.3	80.3	80.9	81.0	81.0	81.0	81.0	81.0	81.0
GE 900	56.6	61.1	66.9	72.6	78.6	79.2	80.8	81.2	81.2	81.8	82.0	82.0	82.0	82.0	82.0	82.0
GE 800	56.7	61.2	67.2	73.2	79.7	80.5	82.5	83.0	83.0	83.7	84.0	84.0	84.0	84.0	84.0	84.0
GE 700	56.8	61.3	67.4	73.4	79.9	80.9	83.0	83.5	83.5	84.3	84.6	84.6	84.6	84.6	84.6	84.6
GE 600	57.0	61.6	67.7	74.0	80.5	81.5	83.9	84.4	84.4	85.3	85.6	85.6	85.7	85.7	85.7	85.7
GE 500	57.0	61.6	67.7	74.3	81.8	82.9	85.8	86.7	86.7	88.1	88.4	88.4	88.5	88.5	88.5	88.5
GE 400	57.1	61.7	67.8	74.4	82.5	84.0	87.2	88.3	88.4	90.8	91.5	91.6	91.8	91.8	91.8	91.8
GE 300	57.1	61.7	67.8	74.4	82.7	84.2	88.0	89.1	89.6	92.9	94.3	94.4	95.6	95.6	95.8	95.8
GE 200	57.1	61.7	67.8	74.4	82.7	84.2	88.1	89.2	89.7	93.7	95.6	95.7	97.7	98.0	98.7	99.4
GE 100	57.1	61.7	67.8	74.4	82.7	84.2	88.1	89.2	89.7	93.7	95.6	95.7	97.7	98.1	98.9	100.0
GE 000	57.1	61.7	67.8	74.4	82.7	84.2	88.1	89.2	89.7	93.7	95.6	95.7	97.7	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.8	37.0	40.0	41.1	43.0	43.2	43.2	43.3	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 20000	39.7	42.2	45.5	47.4	49.7	49.9	49.9	50.0	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 18000	39.9	42.4	45.7	47.7	50.0	50.2	50.2	50.3	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 16000	40.1	42.6	45.9	48.0	50.2	50.4	50.4	50.5	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 14000	41.9	44.4	48.1	50.3	53.1	53.3	53.3	53.4	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.8
GE 12000	43.8	46.5	50.2	52.6	55.4	55.6	55.6	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	56.0
GE 10000	46.7	49.5	53.4	56.3	59.4	59.6	59.6	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	60.0
GE 9000	46.8	49.6	53.5	56.5	59.5	59.7	59.7	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.1
GE 8000	49.0	52.6	57.2	60.4	64.1	64.3	64.4	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.8
GE 7000	49.5	53.0	57.6	60.9	64.6	64.8	64.9	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.4
GE 6000	50.3	53.9	58.6	61.9	66.1	66.3	66.5	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.9
GE 5000	51.7	55.4	60.3	64.4	69.2	69.5	69.9	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.5
GE 4500	52.2	55.8	60.8	64.8	69.9	70.1	70.5	70.8	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.2
GE 4000	54.5	58.6	63.9	68.2	74.0	74.2	74.6	74.8	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.3
GE 3500	54.5	58.6	64.0	68.3	74.3	74.5	74.9	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.6
GE 3000	57.0	61.1	66.5	71.7	78.2	78.4	78.8	79.0	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.5
GE 2500	57.6	61.7	67.1	72.4	78.8	79.0	79.5	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.1
GE 2000	57.8	62.0	67.4	72.8	79.4	79.6	80.2	80.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.9
GE 1800	57.8	62.0	67.4	72.8	79.4	79.6	80.2	80.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.9
GE 1500	58.3	62.5	68.0	73.5	80.8	81.1	81.7	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.4
GE 1200	58.8	63.4	68.9	74.7	81.9	82.4	83.3	83.5	83.5	83.9	83.9	83.9	83.9	83.9	83.9	84.0
GE 1000	59.5	64.1	69.7	75.7	83.3	84.1	85.1	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.7
GE 900	59.6	64.2	69.8	75.9	83.5	84.3	85.4	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	86.0
GE 800	59.6	64.2	69.8	75.9	83.7	84.5	85.9	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.6
GE 700	59.6	64.3	69.9	76.1	84.6	85.6	87.1	87.4	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.2
GE 600	59.7	64.4	70.1	76.5	85.1	86.0	88.4	88.7	88.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
GE 500	59.7	64.4	70.1	77.1	86.8	87.7	90.9	91.3	91.7	93.2	93.2	93.2	93.2	93.2	93.2	93.3
GE 400	59.7	64.4	70.1	77.3	88.1	89.0	92.6	93.2	94.0	95.7	95.7	95.7	95.7	95.7	95.7	95.8
GE 300	59.7	64.4	70.1	77.3	88.3	89.2	93.3	94.1	95.2	97.6	98.5	98.5	98.6	98.6	98.6	98.7
GE 200	59.7	64.4	70.1	77.3	88.3	89.2	93.3	94.1	95.2	97.7	98.7	98.7	99.0	99.1	99.4	99.8
GE 100	59.7	64.4	70.1	77.3	88.3	89.2	93.3	94.1	95.2	97.7	98.7	98.7	99.0	99.2	99.6	100.0
GE 000	59.7	64.4	70.1	77.3	88.3	89.2	93.3	94.1	95.2	97.7	98.7	98.7	99.0	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.0	41.1	44.3	45.9	47.8	48.0	48.2	48.3	48.3	48.4	48.5	48.5	48.5	48.5	48.6	48.6
GE 20000	42.4	43.4	47.5	49.8	51.9	52.0	52.3	52.4	52.4	52.5	52.6	52.6	52.6	52.6	52.7	52.7
GE 18000	42.6	43.7	47.7	50.0	52.2	52.3	52.5	52.6	52.6	52.7	52.8	52.8	52.8	52.8	52.9	52.9
GE 16000	42.7	43.8	47.8	50.1	52.3	52.4	52.6	52.7	52.7	52.8	52.9	52.9	52.9	52.9	53.0	53.0
GE 14000	44.1	45.2	49.2	51.7	54.5	54.6	54.8	54.9	54.9	55.1	55.2	55.2	55.2	55.2	55.3	55.3
GE 12000	46.3	47.8	51.9	54.4	57.2	57.3	57.5	57.6	57.6	57.7	57.8	57.8	57.8	57.8	58.0	58.0
GE 10000	49.9	51.6	56.1	58.6	61.4	61.5	61.7	61.8	61.8	61.9	62.0	62.0	62.0	62.0	62.2	62.2
GE 9000	49.9	51.6	56.1	58.6	61.4	61.5	61.7	61.8	61.8	61.9	62.0	62.0	62.0	62.0	62.2	62.2
GE 8000	51.8	53.8	58.9	61.5	64.7	64.8	65.1	65.2	65.2	65.3	65.4	65.4	65.4	65.4	65.5	65.5
GE 7000	52.2	54.1	59.4	61.9	65.2	65.3	65.5	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.9	65.9
GE 6000	52.8	54.8	60.1	62.7	65.9	66.0	66.2	66.3	66.3	66.5	66.6	66.6	66.6	66.6	66.7	66.7
GE 5000	54.5	56.6	61.9	64.9	68.2	68.3	68.8	69.1	69.4	69.5	69.6	69.6	69.6	69.6	69.7	69.7
GE 4500	54.6	56.7	62.0	65.1	68.3	68.4	68.9	69.2	69.5	69.6	69.7	69.7	69.7	69.7	69.8	69.8
GE 4000	56.3	58.5	64.4	68.3	71.7	71.8	72.4	72.9	73.1	73.2	73.3	73.3	73.3	73.3	73.4	73.4
GE 3500	56.7	58.8	64.8	68.8	72.5	72.6	73.1	73.7	73.9	74.0	74.1	74.1	74.1	74.1	74.2	74.2
GE 3000	59.8	61.9	68.3	72.8	77.0	77.1	77.6	78.2	78.4	78.6	78.7	78.7	78.7	78.7	78.8	78.8
GE 2500	60.0	62.2	68.6	73.1	77.3	77.4	78.0	78.5	78.7	78.9	79.0	79.0	79.0	79.0	79.1	79.1
GE 2000	60.2	62.7	69.2	73.9	78.3	78.4	78.9	79.5	79.7	79.9	80.0	80.0	80.0	80.0	80.1	80.1
GE 1800	60.2	62.7	69.2	74.0	78.4	78.5	79.0	79.6	79.8	80.0	80.1	80.1	80.1	80.1	80.2	80.2
GE 1500	60.6	63.1	69.7	74.6	79.5	79.6	80.1	80.6	80.9	81.4	81.5	81.5	81.5	81.5	81.6	81.6
GE 1200	61.7	64.3	70.9	75.9	80.3	80.9	81.5	82.0	82.3	82.8	82.9	82.9	82.9	82.9	83.0	83.0
GE 1000	62.2	64.7	71.5	76.7	81.8	81.9	82.6	83.1	83.3	83.9	84.0	84.0	84.0	84.0	84.1	84.1
GE 900	62.3	64.8	71.6	76.8	82.0	82.3	82.9	83.4	83.7	84.2	84.3	84.3	84.3	84.3	84.4	84.4
GE 800	62.4	64.9	71.9	77.2	82.5	82.8	83.4	84.0	84.2	84.7	84.8	84.8	84.8	84.8	84.9	84.9
GE 700	62.4	64.9	72.0	77.4	82.9	83.3	84.1	84.7	84.9	85.6	85.7	85.7	85.7	85.7	85.8	85.8
GE 600	62.6	65.3	72.4	78.1	84.1	84.5	86.1	87.0	87.5	88.7	88.8	88.8	88.8	88.8	88.9	88.9
GE 500	62.6	65.3	72.5	78.3	84.3	84.7	86.9	87.8	88.4	89.7	89.8	89.8	89.8	89.8	89.9	89.9
GE 400	62.6	65.3	72.5	78.3	84.9	85.4	87.8	89.1	89.8	91.5	91.6	91.7	91.7	91.7	91.8	92.2
GE 300	62.6	65.3	72.5	78.3	85.4	85.8	88.4	90.3	91.0	93.4	93.9	94.0	94.0	94.0	94.1	94.6
GE 200	62.6	65.3	72.5	78.3	85.4	85.8	88.4	90.3	91.0	93.7	94.3	94.4	94.9	94.9	95.6	97.1
GE 100	62.6	65.3	72.5	78.3	85.4	85.8	88.4	90.3	91.0	93.8	94.4	94.5	95.1	95.1	96.0	98.5
GE 000	62.6	65.3	72.5	78.3	85.4	85.8	88.4	90.3	91.0	93.8	94.4	94.5	95.1	95.1	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

D - 2 - 7

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.1	44.0	46.0	47.0	48.3	48.3	48.6	48.8	49.1	49.1	49.1	49.1	49.2	49.2	49.4	49.4
GE 20000	45.2	46.0	48.4	49.8	51.4	51.4	51.8	52.0	52.4	52.4	52.4	52.4	52.5	52.5	52.6	52.6
GE 18000	45.3	46.1	48.5	49.9	51.5	51.5	51.9	52.2	52.5	52.5	52.5	52.5	52.6	52.6	52.7	52.7
GE 16000	45.3	46.1	48.5	49.9	51.5	51.5	51.9	52.2	52.5	52.5	52.5	52.5	52.6	52.6	52.7	52.7
GE 14000	46.8	47.8	50.2	51.6	53.5	53.5	54.0	54.2	54.5	54.5	54.5	54.5	54.6	54.6	54.7	54.7
GE 12000	48.3	49.5	51.8	53.4	55.7	55.7	56.1	56.3	56.7	56.7	56.7	56.7	56.8	56.8	56.9	56.9
GE 10000	51.2	52.5	55.7	57.4	59.7	59.7	60.2	60.4	60.8	60.8	60.8	60.8	60.9	60.9	61.0	61.0
GE 9000	51.2	52.5	55.7	57.4	59.7	59.7	60.2	60.4	60.8	60.8	60.8	60.8	60.9	60.9	61.0	61.0
GE 8000	52.7	55.1	58.6	60.3	62.6	62.6	63.1	63.3	63.7	64.0	64.0	64.0	64.1	64.1	64.2	64.2
GE 7000	53.9	55.3	59.2	61.1	63.7	63.7	64.2	64.4	64.7	65.1	65.1	65.1	65.2	65.2	65.3	65.3
GE 6000	54.6	56.0	60.1	62.0	64.6	64.6	65.2	65.4	65.7	66.0	66.0	66.0	66.1	66.1	66.2	66.2
GE 5000	56.5	58.1	62.5	64.8	67.8	67.8	68.5	68.7	69.0	69.4	69.4	69.4	69.5	69.5	69.6	69.6
GE 4500	56.7	58.3	62.7	65.1	68.1	68.1	68.7	68.9	69.2	69.6	69.6	69.6	69.7	69.7	69.8	69.8
GE 4000	58.7	60.6	65.3	68.0	71.0	71.0	71.6	71.8	72.2	72.5	72.5	72.5	72.6	72.6	72.7	72.7
GE 3500	59.5	61.4	66.0	68.7	71.7	71.7	72.4	72.6	72.9	73.2	73.2	73.2	73.3	73.3	73.4	73.4
GE 3000	61.8	63.8	68.4	71.3	74.5	74.5	75.2	75.4	75.7	76.2	76.2	76.2	76.3	76.3	76.5	76.5
GE 2500	62.0	64.0	68.6	71.6	75.2	75.2	75.8	76.0	76.3	76.9	76.9	76.9	77.0	77.0	77.1	77.1
GE 2000	62.8	64.9	69.7	72.8	76.6	76.6	77.2	77.4	77.8	78.4	78.4	78.4	78.5	78.5	78.6	78.6
GE 1800	62.8	64.9	69.7	72.8	76.6	76.6	77.2	77.4	77.8	78.4	78.4	78.4	78.5	78.5	78.6	78.6
GE 1500	63.2	65.7	70.6	73.9	77.6	77.6	78.3	78.5	78.9	79.7	79.7	79.7	79.8	79.8	79.9	79.9
GE 1200	64.4	66.9	71.9	75.4	79.1	79.1	79.8	80.0	80.4	81.2	81.2	81.2	81.3	81.3	81.4	81.4
GE 1000	64.9	67.4	72.7	76.1	80.1	80.1	80.8	81.0	81.4	82.3	82.3	82.3	82.4	82.4	82.5	82.5
GE 900	64.9	67.5	72.8	76.2	80.2	80.2	80.9	81.1	81.5	82.4	82.4	82.4	82.5	82.5	82.6	82.6
GE 800	64.9	67.5	73.1	76.6	80.5	80.5	81.2	81.4	81.8	82.7	82.7	82.7	82.8	82.8	82.9	82.9
GE 700	64.9	67.5	73.1	77.1	81.1	81.1	81.7	81.9	82.4	83.2	83.2	83.2	83.3	83.4	83.5	83.5
GE 600	65.2	67.8	73.4	77.4	81.8	81.8	82.9	83.3	83.9	84.8	84.8	84.8	84.9	85.1	85.2	85.4
GE 500	65.2	67.8	73.5	77.5	81.9	82.2	83.5	84.3	85.1	86.1	86.1	86.1	86.2	86.3	86.6	86.9
GE 400	65.2	67.8	73.7	77.6	82.6	82.8	84.7	85.6	86.3	88.0	88.3	88.3	88.4	88.5	88.7	89.1
GE 300	65.2	68.0	73.8	77.7	82.7	82.9	84.9	86.1	87.1	89.1	89.8	89.8	90.2	90.3	90.5	91.0
GE 200	65.2	68.0	73.8	77.7	82.7	82.9	84.9	86.2	87.4	89.9	91.0	91.0	91.9	92.3	93.0	94.3
GE 100	65.2	68.0	73.8	77.7	82.7	82.9	84.9	86.2	87.4	89.9	91.3	91.3	92.3	92.7	93.8	97.1
GE 000	65.2	68.0	73.8	77.7	82.7	82.9	84.9	86.2	87.4	89.9	91.3	91.3	92.3	92.7	93.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA

PERIOD OF RECORD: JUN 80 - MAY 90

LST TO UTC: + 8

MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.6	37.7	39.9	41.3	42.8	42.9	43.2	43.3	43.4	43.5	43.6	43.6	43.8	43.8	43.9	44.0
GE 20000	40.0	41.3	43.7	45.4	47.3	47.4	47.7	47.8	47.9	48.0	48.1	48.1	48.3	48.3	48.4	48.5
GE 18000	40.4	41.7	44.2	45.9	47.8	47.9	48.2	48.3	48.3	48.5	48.6	48.6	48.8	48.8	48.9	49.0
GE 16000	40.5	41.8	44.3	46.0	47.8	48.0	48.3	48.4	48.4	48.6	48.7	48.7	48.8	48.9	49.0	49.1
GE 14000	41.7	43.1	45.6	47.5	49.6	49.8	50.1	50.2	50.3	50.4	50.5	50.5	50.7	50.7	50.8	51.0
GE 12000	43.3	44.8	47.4	49.3	51.5	51.6	52.0	52.2	52.3	52.4	52.5	52.5	52.7	52.7	52.8	53.0
GE 10000	45.8	47.4	50.4	52.4	54.7	54.9	55.3	55.5	55.6	55.7	55.8	55.8	56.0	56.1	56.2	56.3
GE 9000	45.8	47.5	50.4	52.4	54.8	54.9	55.4	55.6	55.6	55.8	55.9	55.9	56.1	56.1	56.2	56.4
GE 8000	48.2	50.0	53.3	55.4	58.0	58.2	58.7	58.9	59.0	59.2	59.3	59.3	59.5	59.6	59.7	59.8
GE 7000	48.6	50.5	53.9	56.0	58.9	59.0	59.5	59.8	59.8	60.1	60.2	60.2	60.4	60.4	60.5	60.7
GE 6000	49.6	51.5	55.1	57.4	60.3	60.5	61.1	61.3	61.4	61.7	61.8	61.8	62.0	62.0	62.1	62.3
GE 5000	51.3	53.4	57.2	59.7	62.9	63.1	63.8	64.2	64.2	64.7	64.8	64.8	65.0	65.0	65.1	65.3
GE 4500	51.4	53.5	57.4	59.9	63.1	63.3	64.1	64.4	64.5	64.9	65.0	65.0	65.2	65.3	65.3	65.5
GE 4000	53.5	55.9	60.2	63.1	66.6	66.8	67.6	67.9	68.0	68.5	68.6	68.6	68.8	68.8	68.9	69.1
GE 3500	54.0	56.5	60.8	63.9	67.5	67.7	68.4	68.8	68.9	69.4	69.5	69.5	69.7	69.7	69.8	70.0
GE 3000	55.9	58.5	63.0	66.3	70.3	70.5	71.2	71.6	71.7	72.2	72.3	72.4	72.5	72.6	72.7	72.8
GE 2500	56.2	58.8	63.4	66.9	70.9	71.1	72.0	72.4	72.5	73.0	73.1	73.1	73.3	73.3	73.4	73.6
GE 2000	56.9	59.6	64.3	67.9	72.3	72.5	73.4	73.8	73.9	74.4	74.6	74.6	74.8	74.8	74.9	75.1
GE 1800	56.9	59.6	64.4	68.0	72.4	72.6	73.6	74.0	74.1	74.6	74.7	74.7	74.9	75.0	75.1	75.2
GE 1500	57.4	60.2	65.1	68.9	73.6	73.8	74.9	75.3	75.4	76.0	76.1	76.2	76.3	76.4	76.5	76.6
GE 1200	58.3	61.2	66.4	70.4	75.2	75.5	76.7	77.1	77.2	77.8	77.9	78.0	78.1	78.2	78.3	78.5
GE 1000	58.8	61.8	67.0	71.3	76.3	76.7	77.8	78.3	78.4	79.1	79.2	79.2	79.4	79.4	79.5	79.7
GE 900	59.0	62.0	67.3	71.6	76.7	77.1	78.3	78.8	78.9	79.6	79.7	79.7	79.9	80.0	80.1	80.3
GE 800	59.1	62.1	67.6	71.9	77.2	77.7	79.1	79.5	79.7	80.3	80.5	80.5	80.7	80.7	80.8	81.1
GE 700	59.2	62.2	67.8	72.3	77.8	78.3	79.8	80.3	80.4	81.2	81.3	81.3	81.5	81.6	81.7	82.0
GE 600	59.4	62.4	68.1	72.7	78.5	79.1	81.0	81.6	81.8	82.7	82.9	82.9	83.1	83.2	83.3	83.8
GE 500	59.4	62.4	68.1	73.0	79.3	79.9	82.1	83.0	83.3	84.4	84.6	84.6	84.9	84.9	85.1	85.6
GE 400	59.5	62.6	68.3	73.2	80.1	80.8	83.4	84.4	84.9	86.5	86.8	86.9	87.3	87.4	87.6	88.3
GE 300	59.5	62.6	68.3	73.2	80.3	81.1	84.0	85.2	85.9	88.0	88.8	88.9	89.6	89.8	90.2	91.1
GE 200	59.5	62.6	68.3	73.2	80.4	81.1	84.1	85.4	86.2	88.7	89.9	90.0	91.3	91.7	92.7	94.9
GE 100	59.5	62.6	68.3	73.3	80.4	81.1	84.1	85.5	86.2	88.8	90.1	90.2	91.5	92.1	93.5	98.1
GE 000	59.5	62.6	68.3	73.3	80.4	81.1	84.1	85.5	86.2	88.8	90.1	90.2	91.5	92.1	93.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.9	62.3	62.5	62.9	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 20000	66.3	66.9	67.4	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 18000	66.4	67.0	67.5	67.8	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 16000	66.4	67.0	67.5	67.8	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 14000	70.0	70.6	71.0	71.7	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 12000	72.9	73.5	74.0	74.7	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 10000	77.2	77.8	78.6	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 9000	77.2	77.8	78.6	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 8000	79.8	80.5	81.3	82.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 7000	80.0	80.7	81.7	82.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 6000	80.5	81.3	82.6	83.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 5000	82.7	83.6	84.9	85.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 4500	82.7	83.6	84.9	85.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 4000	85.9	86.9	88.2	89.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3500	87.2	88.2	89.5	90.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3000	89.0	90.0	91.7	93.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2500	89.4	90.3	92.1	93.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	89.7	90.7	92.6	94.1	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1800	90.0	90.9	92.8	94.3	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1500	90.5	91.5	93.4	95.0	96.3	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	90.7	91.7	93.9	95.6	97.2	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000	91.0	92.2	94.3	96.1	97.8	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	91.0	92.2	94.3	96.2	97.9	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	91.3	92.4	94.6	96.6	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	91.3	92.4	94.7	96.7	98.3	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	91.3	92.4	94.7	96.7	98.3	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	91.3	92.4	94.7	96.7	98.3	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	91.3	92.4	94.7	96.7	98.3	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
GE 300	91.3	92.4	94.7	96.7	98.3	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
GE 200	91.3	92.4	94.7	96.7	98.3	98.6	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.6
GE 100	91.3	92.4	94.7	96.7	98.3	98.6	99.1	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.8	100.0
GE 000	91.3	92.4	94.7	96.7	98.3	98.6	99.1	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.0	63.2	63.7	63.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.5
GE 20000	69.1	69.4	69.9	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8
GE 18000	69.1	69.4	69.9	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8
GE 16000	69.1	69.4	69.9	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8
GE 14000	71.5	71.7	72.2	72.3	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.4
GE 12000	74.2	74.7	75.2	75.3	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.4
GE 10000	78.7	79.2	79.9	80.1	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.2
GE 9000	78.8	79.3	80.0	80.3	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.3
GE 8000	80.9	81.3	82.3	82.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7
GE 7000	81.1	81.6	82.5	82.9	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.0
GE 6000	81.8	82.3	83.2	83.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0	85.0	85.0	85.2
GE 5000	84.0	84.5	85.6	86.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.4	87.4	87.4	87.6
GE 4500	84.3	84.8	85.9	86.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.7	87.7	87.7	87.9
GE 4000	85.3	85.8	87.4	87.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.4	89.4	89.4	89.6
GE 3500	86.1	86.5	88.1	88.7	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.4	90.4	90.4	90.7
GE 3000	88.7	89.1	91.0	92.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	94.0
GE 2500	89.0	89.7	91.6	92.6	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.3	94.3	94.3	94.6
GE 2000	89.4	90.1	92.0	93.1	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0	95.0	95.0	95.3
GE 1800	89.5	90.2	92.1	93.3	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.2	95.2	95.2	95.4
GE 1500	90.1	90.8	92.7	94.0	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.3
GE 1200	90.8	91.6	93.5	95.0	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.3	97.3	97.3	97.5
GE 1000	91.5	92.3	94.2	95.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.3
GE 900	91.5	92.3	94.2	95.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.3
GE 800	91.7	92.6	94.4	96.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.6
GE 700	91.7	92.6	94.4	96.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.6
GE 600	91.7	92.6	94.4	96.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.6
GE 500	91.7	92.6	94.4	96.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.5	98.5	98.5	98.7
GE 400	91.7	92.6	94.4	96.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.8	99.1
GE 300	91.7	92.6	94.4	96.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.8	99.1
GE 200	91.7	92.6	94.4	96.0	98.0	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.7	98.7	98.9	99.5
GE 100	91.7	92.6	94.4	96.0	98.0	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.7	98.7	99.1	100.0
GE 000	91.7	92.6	94.4	96.0	98.0	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.7	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA

PERIOD OF RECORD: JUN 80 - MAY 90

LST TO UTC: + 8

MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.8	57.8	58.2	58.7	59.1	59.2	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.8	60.0
GE 20000	64.9	64.9	65.6	66.2	66.7	66.8	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.5	67.7
GE 18000	65.8	65.8	66.5	67.1	67.6	67.7	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.4	68.7
GE 16000	65.8	65.8	66.5	67.1	67.6	67.7	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.4	68.7
GE 14000	67.4	67.4	68.2	68.8	69.4	69.5	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.1	70.3	70.6
GE 12000	69.4	69.4	70.3	70.9	71.5	71.6	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.5	72.7	72.9
GE 10000	73.3	73.4	74.3	74.9	75.7	75.8	76.4	76.4	76.4	76.6	76.6	76.6	76.7	76.8	77.2	77.4
GE 9000	73.8	73.9	74.8	75.4	76.1	76.2	76.8	76.8	76.8	77.1	77.1	77.1	77.2	77.3	77.7	77.9
GE 8000	75.5	75.7	76.8	77.4	78.1	78.3	78.8	78.8	78.8	79.1	79.1	79.1	79.2	79.3	79.7	79.9
GE 7000	76.4	76.5	77.7	78.3	79.1	79.2	79.8	79.8	79.8	80.0	80.0	80.0	80.1	80.3	80.6	80.9
GE 6000	77.1	77.2	78.4	79.0	79.8	79.9	80.5	80.5	80.5	80.7	80.7	80.7	80.9	81.0	81.3	81.6
GE 5000	79.8	80.1	81.4	82.2	83.1	83.2	83.8	83.8	83.8	84.0	84.0	84.0	84.2	84.3	84.6	84.9
GE 4500	79.8	80.1	81.6	82.3	83.2	83.3	83.9	83.9	83.9	84.2	84.2	84.2	84.3	84.4	84.8	85.0
GE 4000	82.6	83.0	84.9	85.6	86.6	86.8	87.4	87.4	87.4	87.6	87.6	87.6	87.7	87.8	88.2	88.4
GE 3500	83.3	83.7	85.6	86.3	87.6	87.7	88.3	88.3	88.3	88.5	88.5	88.5	88.7	88.8	89.1	89.4
GE 3000	85.2	85.6	87.7	88.8	90.4	90.5	91.1	91.1	91.1	91.4	91.4	91.4	91.5	91.6	92.0	92.2
GE 2500	85.2	85.7	87.9	89.0	90.8	90.9	91.5	91.5	91.5	91.7	91.7	91.7	91.8	92.0	92.3	92.6
GE 2000	85.7	86.2	88.4	89.6	91.4	91.5	92.1	92.1	92.1	92.4	92.4	92.4	92.6	92.7	93.0	93.3
GE 1800	85.7	86.2	88.4	89.6	91.4	91.5	92.1	92.1	92.1	92.4	92.4	92.4	92.6	92.7	93.0	93.3
GE 1500	86.4	86.9	89.1	90.3	92.3	92.4	93.0	93.0	93.0	93.4	93.4	93.4	93.5	93.6	94.0	94.2
GE 1200	87.4	87.8	90.1	91.4	93.6	93.7	94.3	94.3	94.3	94.7	94.7	94.7	94.8	94.9	95.3	95.5
GE 1000	87.6	88.1	90.9	92.3	94.7	94.8	95.4	95.4	95.4	95.7	95.7	95.7	95.9	96.0	96.3	96.6
GE 900	87.7	88.2	91.0	92.4	94.8	94.9	95.5	95.5	95.5	95.9	95.9	95.9	96.0	96.1	96.5	96.7
GE 800	87.9	88.4	91.3	92.7	95.0	95.2	95.7	95.7	95.7	96.1	96.1	96.1	96.2	96.3	96.7	96.9
GE 700	88.1	88.5	91.4	92.9	95.3	95.4	96.0	96.0	96.0	96.3	96.3	96.3	96.5	96.6	96.9	97.2
GE 600	88.1	88.5	91.5	93.0	95.4	95.5	96.1	96.1	96.1	96.5	96.5	96.5	96.6	96.7	97.0	97.3
GE 500	88.1	88.5	91.5	93.0	95.4	95.5	96.1	96.1	96.1	96.5	96.5	96.5	96.6	96.7	97.2	97.4
GE 400	88.1	88.5	91.5	93.0	95.4	95.5	96.1	96.1	96.1	96.5	96.5	96.5	96.6	96.7	97.2	97.4
GE 300	88.1	88.5	91.5	93.0	95.4	95.5	96.1	96.1	96.1	96.5	96.5	96.5	96.6	96.7	97.2	97.4
GE 200	88.1	88.5	91.5	93.0	95.4	95.5	96.1	96.1	96.1	96.5	96.5	96.5	96.6	96.7	97.8	98.8
GE 100	88.1	88.5	91.5	93.0	95.4	95.5	96.1	96.2	96.2	96.6	96.6	96.6	96.9	97.0	98.1	99.6
GE 000	88.1	88.5	91.5	93.0	95.4	95.5	96.1	96.2	96.2	96.6	96.6	96.6	96.9	97.0	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.6	56.0	56.4	56.9	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.4
GE 20000	63.9	64.8	65.1	65.6	65.7	65.8	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.3
GE 18000	65.1	66.0	66.3	66.8	67.0	67.1	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.7
GE 16000	65.4	66.2	66.5	67.0	67.3	67.4	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.8	68.0
GE 14000	66.2	67.3	67.6	68.1	68.4	68.6	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.1
GE 12000	68.3	69.4	69.7	70.2	70.6	70.7	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.2	71.3
GE 10000	72.6	73.9	74.3	74.8	75.3	75.4	75.7	75.7	75.9	75.9	76.0	76.0	76.1	76.1	76.2	76.5
GE 9000	73.2	74.5	74.9	75.4	75.9	76.0	76.2	76.2	76.5	76.5	76.6	76.6	76.7	76.7	76.8	77.1
GE 8000	74.9	76.2	77.0	77.7	78.1	78.2	78.5	78.5	78.7	78.7	78.8	78.8	79.0	79.0	79.1	79.3
GE 7000	75.8	77.1	77.8	78.5	79.0	79.1	79.3	79.3	79.6	79.6	79.7	79.7	79.8	79.8	79.9	80.1
GE 6000	76.7	78.0	78.7	79.4	79.9	80.0	80.3	80.3	80.5	80.5	80.6	80.6	80.7	80.7	80.9	81.1
GE 5000	79.6	80.9	82.2	82.9	83.3	83.5	83.7	83.7	83.9	83.9	84.0	84.0	84.2	84.2	84.3	84.5
GE 4500	79.6	81.0	82.3	83.0	83.6	83.7	83.9	83.9	84.2	84.2	84.3	84.3	84.4	84.4	84.5	84.8
GE 4000	81.6	83.1	84.6	85.5	86.3	86.4	86.6	86.6	86.9	86.9	87.0	87.0	87.1	87.1	87.2	87.5
GE 3500	82.2	83.7	85.5	86.4	87.5	87.6	87.8	88.2	88.4	88.4	88.5	88.5	88.7	88.7	88.8	89.0
GE 3000	83.5	85.2	87.4	88.5	90.4	90.5	90.8	91.1	91.4	91.4	91.5	91.5	91.6	91.6	91.7	92.0
GE 2500	83.6	85.5	87.6	88.4	90.9	91.0	91.3	91.6	91.8	91.8	92.0	92.0	92.1	92.1	92.2	92.4
GE 2000	84.0	85.9	88.3	89.5	91.8	92.0	92.3	92.7	92.9	92.9	93.0	93.0	93.3	93.3	93.4	93.6
GE 1800	84.0	85.9	88.3	89.5	91.8	92.0	92.3	92.7	92.9	92.9	93.0	93.0	93.3	93.3	93.4	93.6
GE 1500	84.4	86.3	88.7	89.8	92.3	92.6	92.9	93.3	93.5	93.5	93.6	93.6	93.9	93.9	94.0	94.2
GE 1200	84.6	86.5	88.9	90.1	92.8	93.0	93.4	93.7	94.0	94.0	94.1	94.1	94.3	94.3	94.4	94.7
GE 1000	85.0	86.9	89.2	90.7	94.0	94.2	94.7	95.0	95.3	95.4	95.5	95.5	95.7	95.7	95.9	96.1
GE 900	85.0	86.9	89.2	90.7	94.0	94.2	94.7	95.0	95.3	95.4	95.6	95.6	95.9	95.9	96.0	96.2
GE 800	85.2	87.1	89.6	91.0	94.3	94.6	95.0	95.4	95.6	95.7	96.0	96.0	96.2	96.2	96.3	96.6
GE 700	85.3	87.2	89.7	91.1	94.4	94.7	95.2	95.5	95.9	96.0	96.2	96.2	96.5	96.5	96.6	96.8
GE 600	85.5	87.4	89.8	91.3	94.6	94.9	95.4	95.7	96.1	96.2	96.5	96.5	96.8	96.8	96.9	97.2
GE 500	85.6	87.5	90.1	91.6	95.2	95.6	96.3	96.7	97.0	97.2	97.4	97.4	97.8	97.8	97.9	98.1
GE 400	85.6	87.5	90.2	91.7	95.3	95.7	96.5	96.8	97.2	97.5	97.8	97.8	98.1	98.1	98.2	98.5
GE 300	85.6	87.5	90.2	91.7	95.3	95.7	96.6	97.0	97.4	97.8	98.0	98.0	98.5	98.5	98.6	98.9
GE 200	85.6	87.5	90.2	91.7	95.5	96.0	96.8	97.3	97.6	98.0	98.2	98.2	98.8	98.8	98.9	99.6
GE 100	85.6	87.5	90.2	91.7	95.5	96.0	96.8	97.3	97.6	98.0	98.2	98.2	98.8	98.8	99.1	99.9
GE 000	85.6	87.5	90.2	91.7	95.5	96.0	96.8	97.3	97.6	98.0	98.2	98.2	98.8	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: FEB HOURS: 17-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.5	55.3	56.1	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 20000	64.2	65.7	66.5	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 18000	65.2	66.8	67.6	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 16000	65.5	67.0	67.8	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 14000	68.0	69.6	70.6	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 12000	71.2	72.8	73.8	74.1	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 10000	74.1	76.2	77.2	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 9000	74.2	76.4	77.3	77.9	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 8000	76.1	78.3	79.6	80.3	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 7000	77.4	79.6	80.9	81.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 6000	77.4	79.6	80.9	81.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 5000	78.7	80.9	82.4	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4500	79.0	81.1	82.6	83.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 4000	82.0	84.4	86.2	87.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3500	83.5	85.9	87.7	88.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3000	85.7	88.3	90.8	92.3	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2500	86.2	88.9	91.4	92.9	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2000	86.8	89.6	92.3	94.3	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	86.8	89.6	92.3	94.3	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500	87.0	89.8	92.7	94.7	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	87.5	90.5	93.6	95.6	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	87.9	91.0	94.1	96.1	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	87.9	91.0	94.1	96.1	98.1	98.2	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	87.9	91.0	94.1	96.1	98.2	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	87.9	91.0	94.1	96.1	98.5	98.6	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	87.9	91.0	94.1	96.1	98.5	98.6	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	87.9	91.0	94.1	96.1	98.6	99.1	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	87.9	91.0	94.1	96.1	98.7	99.2	99.5	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	87.9	91.0	94.1	96.1	98.7	99.2	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.9	91.0	94.1	96.1	98.7	99.2	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.9	91.0	94.1	96.1	98.7	99.2	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.9	91.0	94.1	96.1	98.7	99.2	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.0	55.4	56.1	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 20000	62.5	63.9	65.0	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 18000	64.4	65.8	66.9	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 16000	64.7	66.1	67.1	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 14000	67.4	68.9	70.1	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 12000	71.2	72.7	73.9	74.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 10000	73.8	75.3	76.6	77.8	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 9000	74.1	75.7	77.0	78.1	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 8000	76.7	78.3	79.7	81.1	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 7000	77.9	79.4	80.9	82.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 6000	78.7	80.6	82.0	83.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 5000	80.9	82.7	84.4	86.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4500	81.2	83.1	84.8	86.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 4000	83.6	85.5	87.5	89.4	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 3500	84.4	86.3	88.3	90.2	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3000	85.6	87.6	90.2	92.7	94.4	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2500	85.8	87.8	90.5	93.0	94.9	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2000	86.4	88.4	91.3	94.1	96.1	96.2	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8
GE 1800	86.4	88.4	91.3	94.1	96.1	96.2	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8
GE 1500	86.9	88.9	91.8	94.8	97.0	97.2	97.5	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8
GE 1200	86.9	88.9	91.8	94.8	97.5	97.6	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	87.0	89.0	92.2	95.4	98.7	98.8	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	87.1	89.1	92.3	95.5	98.8	98.9	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	87.1	89.1	92.3	95.5	98.9	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	87.1	89.1	92.3	95.5	98.9	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	87.1	89.1	92.3	95.5	99.1	99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	87.1	89.1	92.3	95.5	99.2	99.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	87.1	89.1	92.3	95.5	99.2	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	87.1	89.1	92.3	95.5	99.2	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.1	89.1	92.3	95.5	99.2	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.1	89.1	92.3	95.5	99.2	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.1	89.1	92.3	95.5	99.2	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.5	59.1	59.3	59.6	60.3	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 20000	65.5	66.1	66.5	67.1	67.8	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 18000	66.8	67.4	67.8	68.6	69.3	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 16000	66.9	67.5	68.0	68.7	69.4	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 14000	69.4	70.1	70.6	71.5	72.3	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 12000	72.2	72.9	73.4	74.3	75.2	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 10000	71.6	73.5	76.1	77.1	77.9	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 9000	75.2	75.9	76.6	77.5	78.4	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 8000	77.5	78.3	79.4	80.5	81.7	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 7000	78.1	78.8	80.0	81.2	82.4	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 6000	79.2	80.1	81.3	82.6	83.8	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 5000	82.4	83.3	84.6	86.1	87.5	87.7	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 4500	83.1	84.0	85.3	86.8	88.2	88.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4000	86.1	87.0	88.7	90.2	91.8	92.2	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3500	87.2	88.2	90.0	91.7	93.4	93.7	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3000	88.3	89.2	91.1	93.1	94.8	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500	88.4	89.4	91.3	93.6	95.3	95.6	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	89.2	90.2	92.2	94.6	96.2	96.6	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	89.5	90.4	92.4	94.8	96.5	96.8	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	89.5	90.4	92.4	94.8	96.6	96.9	97.9	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	89.5	90.4	92.6	95.3	97.2	97.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	89.5	90.4	92.7	95.5	97.6	98.0	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	89.6	90.7	92.9	95.7	97.9	98.2	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	89.6	90.7	92.9	95.7	98.0	98.3	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	89.6	90.7	92.9	95.7	98.0	98.3	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	89.6	90.7	92.9	95.7	98.0	98.3	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	89.6	90.7	92.9	95.7	98.0	98.3	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	89.6	90.7	92.9	95.7	98.0	98.3	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	89.6	90.7	92.9	95.7	98.0	98.3	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	89.8	90.9	93.1	96.0	98.2	98.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.8	90.9	93.1	96.0	98.2	98.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.8	90.9	93.1	96.0	98.2	98.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.0	60.5	61.5	61.7	62.6	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 20000	65.4	65.8	66.8	67.3	68.2	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 18000	66.2	66.7	67.6	68.1	69.0	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 16000	66.3	66.8	67.7	68.2	69.1	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 14000	69.0	69.6	70.9	71.4	72.3	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 12000	71.6	72.2	73.6	74.2	75.2	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 10000	75.5	76.1	77.5	78.1	79.1	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 9000	75.9	76.5	78.0	78.6	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 8000	78.7	79.6	81.1	81.8	83.1	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 7000	79.4	80.3	81.8	82.5	83.8	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 6000	81.0	81.8	83.6	84.3	85.6	85.7	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 5000	83.7	84.5	86.8	87.5	88.8	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4500	83.7	84.5	86.8	87.5	88.8	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4000	86.3	87.1	89.8	90.7	92.0	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3500	87.1	88.3	91.1	92.0	93.5	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3000	88.5	89.8	92.9	94.1	95.6	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500	88.7	90.0	93.3	94.4	96.0	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000	89.4	90.7	94.1	95.4	96.9	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	89.7	91.0	94.4	95.7	97.3	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	89.7	91.0	94.4	95.7	97.4	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	89.8	91.3	95.3	96.8	98.5	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	89.8	91.3	95.3	96.9	98.6	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	90.1	91.5	95.5	97.2	98.8	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	90.1	91.5	95.5	97.2	98.8	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	90.1	91.5	95.5	97.2	98.8	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	90.3	91.7	95.7	97.4	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	90.3	91.7	95.7	97.4	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	90.3	91.7	95.7	97.4	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	90.3	91.7	95.7	97.4	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	90.3	91.7	95.7	97.4	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	90.3	91.7	95.7	97.4	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	90.3	91.7	95.7	97.4	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

D - 2 - 1/

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.2	58.7	59.2	59.5	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.4
GE 20000	65.2	65.9	66.6	67.0	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9
GE 18000	66.1	66.9	67.5	68.0	68.5	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
GE 16000	66.3	67.0	67.6	68.1	68.6	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0
GE 14000	68.6	69.4	70.2	70.7	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7
GE 12000	71.4	72.2	73.0	73.6	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.7
GE 10000	75.0	75.9	76.8	77.5	78.2	78.3	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.7	78.8
GE 9000	75.3	76.2	77.2	77.8	78.5	78.6	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	79.0	79.1
GE 8000	77.5	78.5	79.6	80.4	81.3	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.8
GE 7000	78.3	79.2	80.4	81.2	82.2	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.7
GE 6000	79.0	80.1	81.3	82.3	83.2	83.3	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.7	83.8
GE 5000	81.5	82.6	84.0	85.0	86.0	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.6	86.7
GE 4500	81.7	82.8	84.3	85.2	86.3	86.3	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.8	86.8	86.9
GE 4000	84.2	85.3	87.1	88.2	89.4	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9	90.0	90.1
GE 3500	85.1	86.3	88.2	89.3	90.6	90.7	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.3	91.4
GE 3000	86.8	88.1	90.4	91.8	93.4	93.5	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.2
GE 2500	87.0	88.4	90.7	92.2	93.9	94.0	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.6	94.7
GE 2000	87.6	89.0	91.4	93.1	94.8	94.9	95.3	95.4	95.4	95.4	95.5	95.5	95.6	95.6	95.6	95.7
GE 1800	87.7	89.1	91.5	93.2	94.9	95.1	95.4	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.8
GE 1500	88.1	89.5	91.9	93.6	95.5	95.7	96.1	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.5	96.5
GE 1200	88.4	89.8	92.4	94.3	96.4	96.5	97.0	97.0	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.4
GE 1000	88.7	90.1	92.9	94.8	97.1	97.3	97.8	97.8	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.2
GE 900	88.7	90.2	93.0	94.9	97.3	97.4	97.9	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.3	98.4
GE 800	88.9	90.4	93.1	95.1	97.4	97.6	98.1	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.5	98.6
GE 700	88.9	90.4	93.1	95.2	97.5	97.7	98.2	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.6	98.7
GE 600	88.9	90.4	93.2	95.2	97.6	97.8	98.3	98.4	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.8
GE 500	88.9	90.4	93.2	95.3	97.7	98.0	98.5	98.6	98.7	98.7	98.8	98.8	98.9	98.9	99.0	99.1
GE 400	88.9	90.4	93.2	95.3	97.8	98.0	98.5	98.5	98.7	98.8	98.9	98.9	99.0	99.0	99.1	99.2
GE 300	88.9	90.4	93.2	95.3	97.8	98.0	98.5	98.7	98.7	98.8	98.9	98.9	99.1	99.1	99.2	99.3
GE 200	89.0	90.5	93.3	95.3	97.8	98.1	98.6	98.7	98.8	98.9	99.0	99.0	99.2	99.2	99.4	99.7
GE 100	89.0	90.5	93.3	95.3	97.8	98.1	98.6	98.7	98.8	99.0	99.1	99.1	99.2	99.2	99.5	99.9
GE 000	89.0	90.5	93.3	95.3	97.8	98.1	98.6	98.7	98.8	99.0	99.1	99.1	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.3	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0
GE 20000	66.1	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0
GE 18000	67.0	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8
GE 16000	67.1	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0
GE 14000	68.8	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7
GE 12000	70.1	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0
GE 10000	74.7	75.4	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9
GE 9000	74.9	75.6	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1
GE 8000	78.2	78.8	79.1	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5
GE 7000	79.6	80.2	80.5	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9
GE 6000	80.9	81.5	82.0	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4
GE 5000	84.6	85.3	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1
GE 4500	85.7	86.3	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2
GE 4000	89.6	90.3	91.2	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE 3500	90.8	91.6	92.7	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
GE 3000	92.8	93.7	95.5	96.0	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 2500	92.8	93.7	95.5	96.0	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 2000	93.3	94.3	96.6	97.1	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0
GE 1800	93.7	94.6	96.9	97.5	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 1500	93.8	94.8	97.1	97.7	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
GE 1200	94.0	95.1	97.3	98.0	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 1000	94.0	95.1	97.3	98.0	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 900	94.0	95.1	97.3	98.0	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 800	94.0	95.1	97.3	98.0	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 700	94.0	95.1	97.3	98.0	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 600	94.0	95.1	97.3	98.0	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 500	94.1	95.2	97.4	98.1	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 400	94.1	95.2	97.4	98.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 300	94.1	95.2	97.4	98.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 200	94.1	95.2	97.4	98.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7
GE 100	94.1	95.2	97.4	98.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.7	100.0
GE 000	94.1	95.2	97.4	98.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.2	59.6	60.0	60.0	60.1	60.1	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.6
GE 20000	64.4	64.9	65.5	65.5	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	66.1
GE 18000	64.5	65.1	65.6	65.6	65.7	65.7	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.2
GE 16000	64.8	65.4	65.9	65.9	66.0	66.0	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.6
GE 14000	66.1	66.7	67.2	67.2	67.3	67.3	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.8
GE 12000	67.8	68.4	68.9	68.9	69.0	69.0	69.1	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.6
GE 10000	72.3	72.8	73.3	73.3	73.5	73.5	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.1
GE 9000	72.3	72.8	73.3	73.3	73.5	73.5	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.1
GE 8000	75.8	76.3	77.0	77.0	77.2	77.2	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.7
GE 7000	76.1	76.7	77.3	77.3	77.5	77.5	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	78.1
GE 6000	78.4	79.0	79.8	79.8	80.0	80.0	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.5
GE 5000	81.6	82.3	83.4	83.4	83.8	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.3
GE 4500	82.5	83.1	84.3	84.3	84.6	84.6	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	85.2
GE 4000	86.2	87.0	89.4	89.7	90.2	90.2	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.8
GE 3500	87.1	87.8	90.4	90.9	91.4	91.4	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.9
GE 3000	90.1	91.1	94.1	94.9	95.9	95.9	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.5
GE 2500	90.3	91.3	94.4	95.4	96.3	96.3	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.9
GE 2000	90.8	91.7	94.9	96.1	97.1	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.6
GE 1800	90.8	91.7	94.9	96.1	97.1	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.6
GE 1500	90.8	91.7	94.9	96.1	97.1	97.1	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.7
GE 1200	90.9	91.8	95.2	96.3	97.3	97.3	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	98.0
GE 1000	90.9	91.8	95.5	96.7	97.6	97.6	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.4
GE 900	90.9	91.8	95.5	96.7	97.6	97.6	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.4
GE 800	90.9	91.8	95.5	96.7	97.6	97.6	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.4
GE 700	91.2	92.2	95.8	97.0	98.0	98.0	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.8
GE 600	91.2	92.2	95.8	97.0	98.0	98.0	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.8
GE 500	91.2	92.2	95.8	97.0	98.4	98.4	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.2
GE 400	91.2	92.2	95.8	97.0	98.6	98.6	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.5
GE 300	91.2	92.2	95.8	97.0	98.6	98.6	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.4	99.5	99.7
GE 200	91.2	92.2	95.8	97.0	98.6	98.6	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.4	99.5	99.9
GE 100	91.2	92.2	95.8	97.0	98.6	98.6	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.4	99.5	100.0
GE 000	91.2	92.2	95.8	97.0	98.6	98.6	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR HOURS: 06-08

CEILING	VISIBILITY IN STATUTE MILES															
IN Feet	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.1	54.0	54.4	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.8
GE 20000	57.2	58.2	58.6	58.6	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.4	59.4	59.5
GE 18000	58.4	59.4	59.8	59.8	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.6
GE 16000	58.5	59.5	60.1	60.1	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	61.0
GE 14000	59.2	60.2	60.9	60.9	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.7
GE 12000	60.6	61.6	62.3	62.3	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.1
GE 10000	64.2	65.2	65.8	65.8	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.7
GE 9000	64.2	65.2	65.8	65.8	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.7
GE 8000	68.6	69.6	70.4	70.4	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.3
GE 7000	69.0	70.0	70.9	70.9	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.7
GE 6000	71.4	72.5	73.4	73.4	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.3
GE 5000	74.4	75.5	76.5	76.8	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.8
GE 4500	75.6	76.7	77.7	78.1	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.1
GE 4000	80.3	81.7	83.0	83.3	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.4
GE 3500	82.2	83.7	85.1	85.4	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.5
GE 3000	85.3	87.1	88.9	89.6	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.2
GE 2500	85.5	87.3	89.1	89.8	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.5
GE 2000	86.2	88.1	90.3	91.4	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.4
GE 1800	86.3	88.2	90.4	91.5	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.6
GE 1500	86.8	88.7	91.0	92.2	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.4
GE 1200	87.1	89.1	91.5	92.8	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.6
GE 1000	87.3	89.4	91.9	93.3	96.5	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.2	97.3
GE 900	87.3	89.4	91.9	93.3	96.5	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.2	97.3
GE 800	87.3	89.4	92.0	93.4	96.7	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.4	97.5
GE 700	87.6	89.8	92.5	93.9	97.1	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.8	98.0
GE 600	87.7	89.9	92.6	94.1	97.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.1	98.2
GE 500	87.7	89.9	92.7	94.2	97.4	97.6	97.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.4	98.5
GE 400	87.7	89.9	92.7	94.2	97.5	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.8	99.1
GE 300	87.7	89.9	92.7	94.2	97.5	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.9	99.5
GE 200	87.7	89.9	92.7	94.2	97.6	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	99.0	99.9
GE 100	87.7	89.9	92.7	94.2	97.6	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	99.0	100.0
GE 000	87.7	89.9	92.7	94.2	97.6	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.9	53.4	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 20000	58.2	58.7	59.4	59.7	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 18000	59.2	59.8	60.4	60.8	60.9	60.9	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 16000	59.4	59.9	60.5	60.9	61.0	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 14000	60.4	61.0	61.7	62.2	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 12000	62.2	62.7	63.4	63.9	64.0	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 10000	66.0	66.6	67.3	67.7	67.8	67.8	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 9000	66.0	66.6	67.3	67.7	67.8	67.8	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 8000	70.1	70.8	71.6	72.0	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 7000	71.2	71.8	72.7	73.1	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 6000	72.8	73.5	74.5	75.3	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 5000	74.7	75.6	76.6	77.5	77.7	77.7	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4500	75.1	75.9	76.9	77.8	78.1	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4000	78.6	79.7	81.0	82.2	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3500	80.2	81.3	82.6	83.8	84.2	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 3000	84.7	86.2	88.7	90.0	90.8	91.0	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2500	85.2	86.7	89.2	90.5	91.4	91.6	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2000	85.8	87.6	90.4	91.9	93.2	93.4	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1800	85.8	87.7	90.6	92.2	93.5	93.9	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1500	87.0	89.0	91.9	93.4	94.9	95.3	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	87.3	89.5	92.6	94.4	96.2	96.7	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	87.8	90.0	93.1	95.2	97.1	97.5	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	87.8	90.0	93.1	95.2	97.1	97.5	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	88.0	90.1	93.2	95.4	97.3	97.7	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	88.0	90.1	93.2	95.4	97.5	98.0	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	88.0	90.1	93.4	95.7	98.0	98.4	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	88.0	90.1	93.4	95.7	98.0	98.4	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	88.1	90.2	93.5	95.8	98.1	98.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	88.1	90.2	93.7	95.9	98.2	98.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	88.1	90.2	93.7	95.9	98.2	98.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.1	90.2	93.7	95.9	98.2	98.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	88.1	90.2	93.7	95.9	98.2	98.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA

PERIOD OF RECORD: JUN 80 - MAY 90

LST TO UTC: + 8

MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.3	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 20000	61.7	62.8	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 18000	62.4	63.4	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 16000	62.4	63.4	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 14000	63.1	64.4	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 12000	64.5	65.8	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 10000	68.6	69.9	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 9000	68.9	70.2	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 8000	71.0	72.5	73.1	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 7000	71.0	72.5	73.1	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 6000	71.8	73.3	74.2	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 5000	75.3	76.9	78.0	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 4500	75.6	77.2	78.3	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 4000	79.9	81.6	83.0	83.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 3500	81.7	83.4	84.9	85.6	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000	87.3	89.2	91.5	92.4	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2500	88.1	90.0	92.3	93.3	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2000	88.6	91.2	93.5	94.8	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1800	88.6	91.2	93.5	94.8	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	89.2	91.9	94.3	95.6	96.5	96.5	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	89.6	92.3	95.1	96.3	97.5	97.5	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	89.7	92.4	95.3	96.8	98.1	98.3	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	89.7	92.4	95.3	96.8	98.1	98.3	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	89.7	92.4	95.3	96.8	98.1	98.3	98.7	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	89.7	92.4	95.3	96.9	98.6	98.8	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	89.7	92.4	95.3	96.9	98.6	98.8	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	89.7	92.4	95.3	96.9	98.6	98.8	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	89.7	92.4	95.3	96.9	98.6	98.8	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	89.7	92.4	95.3	96.9	98.6	98.8	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	89.7	92.4	95.3	96.9	98.6	98.8	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.7	92.4	95.3	96.9	98.6	98.8	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.7	92.4	95.3	96.9	98.6	98.8	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.9	56.0	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 20000	64.2	65.3	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 18000	65.2	66.6	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 16000	65.4	66.8	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 14000	66.7	68.1	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 12000	68.5	69.9	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 10000	71.6	73.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 9000	71.7	73.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 8000	75.7	77.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 7000	76.5	78.0	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 6000	77.5	79.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 5000	79.8	81.6	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4500	79.8	81.6	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4000	83.7	85.5	86.9	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 3500	85.2	87.0	88.4	88.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3000	88.9	91.0	93.1	93.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2500	90.1	92.3	94.4	95.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	90.4	92.7	94.9	95.8	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	90.4	92.7	94.9	95.8	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	91.1	93.3	95.6	96.5	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	91.1	93.3	95.6	96.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	91.2	93.4	95.7	96.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	91.2	93.4	95.7	96.6	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	91.2	93.4	95.8	96.8	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	91.2	93.4	95.8	96.9	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	91.2	93.4	95.8	96.9	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	91.2	93.4	95.8	96.9	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	91.2	93.4	95.8	96.9	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	91.2	93.4	95.8	96.9	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.2	93.4	95.8	96.9	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.2	93.4	95.8	96.9	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.2	93.4	95.8	96.9	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837 STATION NAME: BEALE AFB/MARYSVILLE CA PERIOD OF RECORD: JUN 80 - MAY 90
LST TO UTC: + 8 MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.3	59.1	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 20000	64.1	64.9	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 18000	65.3	66.1	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 16000	65.3	66.1	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 14000	67.8	68.7	69.0	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 12000	70.3	71.2	71.5	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 10000	73.4	74.3	74.6	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 9000	73.4	74.3	74.5	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 8000	77.0	77.8	78.2	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 7000	77.5	78.6	78.9	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 6000	78.7	79.8	80.2	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 5000	82.4	83.9	84.5	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4500	83.5	85.2	85.8	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 4000	86.5	88.2	89.5	90.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3500	88.3	90.1	91.5	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3000	90.5	92.4	94.6	95.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2500	90.9	92.9	95.2	96.3	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2000	91.3	93.4	95.9	97.2	98.1	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	91.3	93.4	95.9	97.2	98.1	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1500	91.3	93.5	96.0	97.4	98.3	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	91.3	93.5	96.0	97.5	98.5	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	91.3	93.5	96.0	97.5	98.6	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	91.3	93.5	96.0	97.6	98.7	98.7	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	91.3	93.5	96.1	97.8	99.0	99.0	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	91.3	93.5	96.2	98.1	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	91.3	93.5	96.2	98.1	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	91.3	93.5	96.2	98.1	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	91.3	93.5	96.2	98.1	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	91.3	93.5	96.2	98.1	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.3	93.5	96.2	98.1	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.3	93.5	96.2	98.1	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	91.3	93.5	96.2	98.1	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
JSAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 60 - MAY 90
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GF 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GF 3/8	GE 1/4	GE 0
NO CEIL	62.9	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.1	64.1	64.1	64.1
GE 20000	67.4	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.6
GE 18000	68.8	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.0
GE 16000	68.8	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.0
GE 14000	69.9	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1	71.1	71.1	71.1
GE 12000	72.6	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.8	73.8	73.8	73.8
GE 10000	77.4	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.6	78.6	78.6	78.6
GE 9000	77.4	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.6	78.6	78.6	78.6
GE 8000	80.5	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.7	81.7	81.7	81.7
GE 7000	81.3	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.5
GE 6000	82.5	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.8	83.8	83.8	83.8
GE 5000	86.9	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8	88.8	88.8
GE 4500	87.0	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6
GE 4000	90.5	92.0	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1
GE 3500	91.4	92.9	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0
GE 3000	93.1	94.8	96.3	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4
GE 2500	93.1	94.8	96.3	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4
GE 2000	93.5	95.3	97.0	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4
GE 1800	93.5	95.3	97.0	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE 1500	93.5	95.3	97.0	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE 1200	93.7	95.4	97.1	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 1000	93.7	95.4	97.1	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 900	93.7	95.4	97.1	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 800	93.7	95.4	97.1	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 700	93.7	95.4	97.1	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 600	93.7	95.4	97.1	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 500	93.7	95.4	97.1	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 400	93.7	95.4	97.1	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 300	93.7	95.4	97.1	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 200	93.7	95.4	97.1	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 100	93.7	95.4	97.1	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 000	93.7	95.4	97.1	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.0	57.7	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.3
GE 20000	62.9	63.7	64.1	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5
GE 18000	63.8	64.7	65.1	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5
GE 16000	64.0	64.8	65.2	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6
GE 14000	65.3	66.1	66.6	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1
GE 12000	67.1	68.0	68.5	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
GE 10000	71.0	71.9	72.5	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9
GE 9000	71.1	72.0	72.5	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0
GE 8000	74.6	75.5	76.1	76.3	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
GE 7000	75.3	76.2	76.8	77.0	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.4
GE 6000	76.7	77.8	78.5	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1
GE 5000	80.0	81.1	82.0	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8
GE 4500	80.7	81.9	82.8	83.1	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6
GE 4000	84.4	85.8	87.1	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
GE 3500	85.8	87.2	88.6	89.2	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0
GE 3000	89.1	90.7	92.8	93.7	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9
GE 2500	89.5	91.1	93.3	94.2	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
GE 2000	90.0	91.8	94.2	95.2	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 1800	90.1	91.9	94.3	95.3	96.6	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0
GE 1500	90.4	92.3	94.7	95.8	97.1	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6
GE 1200	90.0	92.5	95.0	96.2	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 1000	90.7	92.6	95.2	96.5	98.0	98.1	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7
GE 900	90.7	92.6	95.2	96.5	98.1	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 800	90.7	92.6	95.3	96.6	98.2	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.0
GE 700	90.8	92.7	95.4	96.7	98.5	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 600	90.8	92.7	95.5	96.8	98.6	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 500	90.8	92.8	95.5	96.8	98.7	98.8	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.5
GE 400	90.9	92.8	95.6	96.9	98.8	99.0	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 300	90.9	92.8	95.6	96.9	98.8	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8
GE 200	90.9	92.8	95.6	96.9	98.8	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.9
GE 100	90.9	92.8	95.6	96.9	98.8	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	100.0
GE 000	90.9	92.8	95.6	96.9	98.8	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 20000	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 18000	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 16000	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 14000	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 12000	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 10000	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 9000	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 8000	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 7000	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 6000	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 5000	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 4500	93.0	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 4000	95.0	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3500	95.2	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 3000	96.6	96.9	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2500	96.7	97.0	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000	97.0	97.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	97.0	97.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	97.0	97.3	98.3	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	97.3	97.7	98.7	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	97.4	97.8	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	97.4	97.8	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	97.4	97.8	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.4	97.8	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.4	97.8	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.4	97.8	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.4	97.8	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.4	97.8	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.4	97.8	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.4	97.8	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.4	97.8	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 20000	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 18000	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 16000	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 14000	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 12000	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 10000	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 9000	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 8000	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 7000	87.7	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 6000	88.3	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 5000	89.8	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 4500	90.6	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 4000	93.6	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3500	94.8	95.0	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 3000	96.6	96.9	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2500	96.6	96.9	97.2	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2000	96.9	97.3	97.9	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	96.9	97.3	97.9	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	96.9	97.4	98.1	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	97.2	97.8	98.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	97.3	97.9	98.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	97.3	97.9	98.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	97.3	97.9	98.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	97.3	97.9	98.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	97.3	97.9	98.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	97.3	97.9	98.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	97.3	97.9	98.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	97.3	97.9	98.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	97.3	97.9	98.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	97.3	97.9	98.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	97.3	97.9	98.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.9	68.1	69.0	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.6	69.7
GE 20000	74.1	74.6	75.6	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.2
GE 18000	75.0	75.4	76.4	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.1
GE 16000	75.0	75.4	76.4	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.1
GE 14000	76.0	76.4	77.4	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.1
GE 12000	77.2	77.7	78.7	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.3
GE 10000	80.3	80.8	81.8	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.4
GE 9000	80.3	80.8	81.8	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.4
GE 8000	82.3	82.8	83.8	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.4
GE 7000	83.2	83.7	84.7	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.3
GE 6000	84.4	85.0	86.1	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.8
GE 5000	86.6	87.1	88.3	88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.1
GE 4500	87.2	88.0	89.2	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	90.0
GE 4000	89.3	90.2	91.6	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	93.0
GE 3500	90.3	91.2	92.6	92.9	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	94.0
GE 3000	91.4	92.3	93.8	94.1	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.2
GE 2500	91.6	92.4	93.9	94.2	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.3
GE 2000	92.1	93.3	94.8	95.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.6
GE 1800	92.1	93.3	94.9	95.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.6	96.7
GE 1500	92.4	93.7	95.6	96.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.3
GE 1200	93.2	94.4	96.3	96.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.1
GE 1000	93.6	94.8	97.0	97.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.9
GE 900	93.6	94.8	97.1	97.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.1
GE 800	93.7	94.9	97.2	97.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.2
GE 700	93.7	95.1	97.4	98.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.7
GE 600	93.8	95.3	97.7	98.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9
GE 500	93.8	95.3	97.8	98.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0
GE 400	93.8	95.3	97.8	98.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0
GE 300	93.8	95.3	97.8	98.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0
GE 200	93.8	95.3	97.8	98.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0
GE 100	93.8	95.3	97.8	98.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0
GE 000	93.8	95.3	97.8	98.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.9	67.4	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 20000	74.9	75.4	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 18000	75.8	76.3	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 16000	75.9	76.4	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 14000	76.4	77.0	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 12000	77.7	78.2	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 10000	80.1	80.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 9000	80.1	80.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 8000	81.9	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 7000	82.0	82.6	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 6000	82.6	83.1	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 5000	84.9	85.7	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 4500	85.7	86.4	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4000	87.3	88.1	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3500	88.4	89.3	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3000	92.0	93.0	93.8	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2500	93.0	94.1	94.9	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	94.1	95.3	96.1	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1800	94.1	95.3	96.1	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	95.0	96.3	97.1	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	95.7	97.0	97.8	98.2	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	95.8	97.1	98.2	98.7	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	95.8	97.3	98.4	98.9	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	95.8	97.3	98.4	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	95.9	97.4	98.6	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	95.9	97.4	98.6	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	95.9	97.4	98.6	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.9	97.4	98.6	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.9	97.4	98.6	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.9	97.4	98.6	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.9	97.4	98.6	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.9	97.4	98.6	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: APR HOURS: 17-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.2	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 20000	75.9	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 18000	76.8	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 16000	76.9	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 14000	77.4	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 12000	79.1	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 10000	82.1	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 9000	82.1	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 8000	83.8	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 7000	83.9	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 6000	84.4	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 5000	85.4	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 4500	86.6	86.7	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4000	89.9	90.0	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3500	92.2	92.3	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 3000	95.7	95.8	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2500	96.4	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2000	97.7	97.9	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	97.7	97.9	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	97.8	98.0	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	97.8	98.2	98.9	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	97.8	98.2	99.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	97.9	98.3	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	97.9	98.3	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.9	98.3	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.9	98.3	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.9	98.3	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.9	98.3	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.9	98.3	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.9	98.3	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.9	98.3	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.9	98.3	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.6	66.6	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 20000	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 18000	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 16000	77.6	77.6	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 14000	79.6	79.6	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 12000	81.0	81.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 10000	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 9000	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 8000	86.2	86.2	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 7000	86.9	86.9	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 6000	87.6	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 5000	89.4	89.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 4500	89.7	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 4000	93.7	93.8	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3500	94.7	94.8	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3000	96.3	96.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2500	96.7	96.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	97.1	97.4	98.7	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	97.2	97.6	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500	97.2	97.6	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	97.2	97.6	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	97.2	97.6	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	97.2	97.6	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	97.2	97.6	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.2	97.6	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.2	97.6	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.2	97.6	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.2	97.6	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.2	97.6	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.2	97.6	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.2	97.6	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.2	97.6	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.6	70.9	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 20000	77.0	77.3	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 18000	77.6	77.9	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 16000	77.8	78.1	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 14000	79.2	79.6	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 12000	81.0	81.3	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 10000	83.6	83.9	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 9000	83.6	83.9	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 8000	86.9	87.2	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 7000	87.8	88.1	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 6000	88.3	88.7	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 5000	91.0	91.3	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 4500	91.7	92.0	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 4000	94.3	94.8	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 3500	95.7	96.1	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3000	97.1	97.6	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2500	97.3	97.9	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2000	97.7	98.2	99.1	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	97.7	98.2	99.1	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	97.7	98.2	99.1	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	97.8	98.3	99.2	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	97.8	98.3	99.2	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	97.8	98.3	99.2	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	97.8	98.3	99.2	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.8	98.3	99.2	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.8	98.3	99.2	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.8	98.3	99.2	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.8	98.3	99.2	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.8	98.3	99.2	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.8	98.3	99.2	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.8	98.3	99.2	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.8	98.3	99.2	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 20000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 18000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 16000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 14000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 12000	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 10000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 9000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 8000	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 7000	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 6000	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 5000	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 4500	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 4000	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3500	96.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 3000	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2500	97.6	98.2	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000	97.9	98.3	99.0	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	97.9	98.3	99.0	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	97.9	98.3	99.0	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	97.9	98.3	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	97.9	98.3	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	97.9	98.3	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	97.9	98.3	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.9	98.3	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.9	98.3	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.9	98.3	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.9	98.3	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.9	98.3	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.9	98.3	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.9	98.3	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.9	98.3	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.1	70.3	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8
GE 20000	77.1	77.3	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 18000	77.7	77.9	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
GE 16000	77.8	78.0	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5
GE 14000	79.0	79.2	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 12000	80.6	80.8	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 10000	83.3	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0
GE 9000	83.3	83.5	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 8000	85.7	85.9	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 7000	86.3	86.5	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 6000	87.0	87.3	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 5000	89.1	89.4	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 4500	89.8	90.1	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 4000	92.5	92.9	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3500	93.5	94.0	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3000	95.4	95.9	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2500	95.8	96.3	97.0	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
GE 2000	96.3	96.9	97.8	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	96.3	96.9	97.8	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	96.5	97.1	98.1	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
GE 1200	96.8	97.4	98.4	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	96.8	97.5	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 900	96.9	97.5	98.7	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	96.9	97.6	98.7	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 700	96.9	97.6	98.8	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	96.9	97.6	98.8	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 500	96.9	97.6	98.8	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.9	97.6	98.8	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.9	97.6	98.8	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.9	97.6	98.8	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.9	97.6	98.8	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.9	97.6	98.8	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 20000	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 18000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 16000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 14000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 12000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 10000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 9000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 8000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 7000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 6000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 5000	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 4500	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 4000	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 3500	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 3000	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2500	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1800	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 20000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 18000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 16000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 14000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 12000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 10000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 9000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 8000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 7000	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 6000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 5000	97.3	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 4500	97.6	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 4000	98.4	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3500	98.5	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 3000	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2500	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2000	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724807

STATION NAME: BEALE AFB/MARYSVILLE GA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 20000	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 18000	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 16000	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 14000	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 12000	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 10000	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 9000	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 8000	92.7	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 7000	93.0	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 6000	93.4	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 5000	95.4	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 4500	95.6	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 4000	96.7	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 3500	97.1	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 3000	97.4	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	98.8	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	99.0	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	99.0	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: EALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 20000	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 18000	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 16000	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 14000	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 12000	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 10000	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 9000	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 8000	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 7000	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 6000	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 5000	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 4500	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 4000	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3500	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3000	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2500	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: REALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 20000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 18000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 16000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 14000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 12000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 10000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 9000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 8000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 7000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 6000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 5000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 4500	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 4000	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3500	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 3000	98.5	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2500	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	99.1	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	99.4	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 20000	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 18000	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 16000	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 14000	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 12000	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 10000	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 9000	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 8000	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 7000	93.4	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 6000	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 5000	95.3	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 4500	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 4000	97.3	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 3500	98.0	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3000	98.7	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2500	98.7	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2000	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 20000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 18000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 16000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 14000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 12000	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 10000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 9000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 8000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 7000	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 6000	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 5000	96.5	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 4500	96.5	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 4000	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 3500	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 3000	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 20000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 18000	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 16000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 14000	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 12000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 10000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 9000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 8000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 7000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 6000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 5000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 4500	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 4000	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3500	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 3000	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2500	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 20000	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 18000	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 16000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 14000	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 12000	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 10000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 9000	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 8000	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 7000	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 6000	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 5000	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 4500	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 4000	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3500	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 3000	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2500	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	99.2	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	99.5	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7431

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 20000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 18000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 16000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 14000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 12000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 10000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 9000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 8000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 7000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 6000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 5000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 4500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 4000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 3500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 20000	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 18000	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 16000	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 14000	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 12000	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 10000	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 9000	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 8000	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 7000	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 6000	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 5000	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 4500	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 4000	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 3500	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 3000	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 20000	88.1	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 18000	89.2	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 16000	89.4	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 14000	90.2	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 12000	92.3	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 10000	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 9000	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 8000	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 7000	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 6000	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 5000	96.0	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 4500	96.1	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 4000	96.4	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3500	97.3	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 3000	98.1	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2500	98.1	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000	98.3	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	98.6	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	98.8	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	98.8	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	98.8	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	98.8	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 20000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 18000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 16000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 14000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 12000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 10000	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 5000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 8000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 7000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 6000	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 5000	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 4500	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 4000	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 3500	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 3000	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2500	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 20000	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 18000	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 16000	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 14000	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 12000	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 10000	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 9000	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 8000	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 7000	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 6000	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 5000	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 4500	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 4000	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 3500	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 3000	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2500	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

D - 2 - 50

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	82.3	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 20000	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 18000	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 16000	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 14000	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 12000	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 10000	96.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 9000	96.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 8000	97.9	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 7000	97.9	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 6000	98.0	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 5000	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 4500	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 4000	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 3500	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 3000	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 20000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 18000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 16000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 14000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 12000	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 10000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 9000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 8000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 7000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 6000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 5000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 4500	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 4000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 124837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 20000	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 18000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 16000	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 14000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 12000	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 10000	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 9000	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 8000	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 7000	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 6000	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 5000	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 4500	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 4000	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 3500	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 3000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 20000	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 18000	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 16000	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 14000	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 12000	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 10000	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 9000	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 8000	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 7000	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 6000	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 5000	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 4500	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 4000	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3500	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 3000	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2500	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2000	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1800	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 20000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 18000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 16000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 14000	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 12000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 10000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 9000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 8000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 7000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 6000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 5000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 4500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 20000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 18000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 16000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 14000	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 12000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 10000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 9000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 8000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 7000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 6000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 5000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 4500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	91.4	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 20000	92.8	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 18000	93.2	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 16000	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 14000	94.5	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 12000	96.9	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 10000	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 9000	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 8000	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 7000	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 6000	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 5000	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 4500	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 4000	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 3500	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 3000	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2500	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2000	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 20000	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 18000	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 16000	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 14000	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 12000	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 10000	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 9000	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 8000	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 7000	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 6000	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 5000	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 4500	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 4000	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 3500	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE GA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 20000	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 18000	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 16000	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 14000	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 12000	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 10000	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 9000	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 8000	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 7000	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 6000	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 5000	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 4500	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 4000	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 3500	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 3000	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 20000	94.0	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 18000	94.2	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 16000	94.2	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 14000	94.8	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 12000	96.7	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 10000	98.1	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 9000	98.1	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 8000	98.5	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 7000	98.5	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 6000	98.5	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 5000	98.8	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 4500	98.8	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 4000	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NC CEIL	91.5	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 20000	93.3	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 18000	93.7	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 16000	93.8	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 14000	94.9	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 12000	96.2	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 10000	97.3	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 9000	97.3	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 8000	98.0	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 7000	98.1	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 6000	98.1	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 5000	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 4500	98.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 4000	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 20000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 18000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 16000	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 14000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 12000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 10000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 9000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 8000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 7000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 6000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 5000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 4500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 20000	94.3	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 18000	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 16000	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 14000	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 12000	97.5	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 10000	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 9000	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 8000	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 7000	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 5000	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 5000	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 4500	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 4000	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 3500	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 3000	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TIME: 0000 + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 20000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 18000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 16000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 14000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 12000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 10000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 9000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 8000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 7000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 6000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 5000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 4500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 20000	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 18000	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 16000	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 14000	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 12000	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 10000	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 9000	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 8000	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 7000	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 6000	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 5000	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 4500	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 4000	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 3500	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 3000	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2500	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 20000	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 18000	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 16000	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 14000	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 12000	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 10000	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 9000	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 8000	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 7000	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 6000	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 5000	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 4500	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 4000	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3500	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3000	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2500	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2000	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 20000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 18000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 16000	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 14000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 12000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 10000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 9000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 8000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 7000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 6000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 5000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 4500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 4000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 3500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 3000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724877

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 20000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 18000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 16000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 14000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 12000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 10000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 9000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 8000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 7000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 6000	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 5000	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 4500	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 4000	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 20000	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 18000	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 16000	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 14000	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 12000	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 10000	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 9000	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 8000	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 7000	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 6000	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 5000	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 4500	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 20000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 18000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 16000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 14000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 12000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 10000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 9000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 8000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 7000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 20000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 18000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 16000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 14000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 12000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 10000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 9000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 8000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 7000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 20000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 18000	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 16000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 14000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 12000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 10000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 9000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 8000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 7000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 6000	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 5000	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 4500	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 4000	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 3500	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 3000	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2500	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2000	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	89.0	89.0	89.8	90.1	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 20000	90.7	90.7	91.4	91.8	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 18000	91.0	91.0	91.8	92.1	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 16000	91.0	91.0	91.8	92.1	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 14000	91.6	91.6	92.3	92.7	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 12000	91.8	91.8	92.6	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 10000	93.4	93.4	94.2	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 9000	93.4	93.4	94.2	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 8000	94.8	94.8	95.6	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 7000	94.8	94.8	95.6	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 6000	95.8	95.8	96.7	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 5000	96.0	96.0	96.9	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 4500	96.0	96.0	96.9	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 4000	97.2	97.3	98.3	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3500	97.3	97.4	98.4	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 3000	97.3	97.4	98.6	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2500	97.3	97.4	98.6	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2000	97.3	97.4	98.6	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	97.3	97.4	98.6	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	97.9	98.0	99.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	98.0	98.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	98.0	98.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	98.0	98.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.0	98.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.0	98.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.0	98.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.0	98.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.0	98.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.0	98.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.0	98.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.0	98.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.0	98.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	87.2	87.2	88.3	88.4	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 20000	88.2	88.2	89.3	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 18000	88.7	88.7	89.8	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 16000	88.7	88.7	89.8	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 14000	89.9	89.9	91.1	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 12000	91.2	91.2	92.4	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 10000	93.1	93.3	94.6	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 9000	93.2	93.4	94.7	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 8000	94.0	94.2	95.4	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 7000	94.2	94.4	95.7	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 6000	94.7	94.9	96.2	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 5000	95.3	95.6	96.9	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 4500	95.4	95.7	97.0	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 4000	96.7	96.9	98.2	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3500	96.9	97.1	98.4	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 3000	97.1	97.3	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2500	97.1	97.3	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	97.1	97.6	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	97.1	97.6	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	97.2	97.7	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	97.3	97.8	99.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	97.4	97.9	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	97.4	97.9	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	97.4	97.9	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	97.4	97.9	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	97.4	97.9	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	97.4	97.9	99.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.4	97.9	99.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.4	97.9	99.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.4	97.9	99.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.4	97.9	99.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.4	97.9	99.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	79.3	79.9	81.4	82.7	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 20000	82.9	83.7	85.2	86.4	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 18000	83.0	83.8	85.3	86.6	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 16000	83.0	83.8	85.3	86.6	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 14000	84.2	85.1	86.7	88.0	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 12000	85.4	86.3	87.9	89.2	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 10000	88.3	89.2	90.8	92.3	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 9000	88.3	89.2	90.8	92.3	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 8000	89.6	90.4	92.0	93.6	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 7000	89.7	90.6	92.1	93.7	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 6000	90.1	91.0	92.6	94.1	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 5000	91.2	92.1	93.8	95.3	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 4500	91.4	92.3	94.0	95.6	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 4000	92.1	93.1	94.9	96.4	96.8	97.0	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 3500	92.2	93.2	95.0	96.6	96.9	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 3000	92.7	93.7	95.4	97.0	97.3	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 2500	92.7	93.7	95.4	97.0	97.3	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 2000	93.8	94.9	96.7	98.2	98.6	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	93.8	94.9	96.7	98.2	98.6	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	93.9	95.0	96.8	98.3	98.8	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	94.0	95.1	96.9	98.4	98.9	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	94.1	95.2	97.0	98.7	99.1	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	94.1	95.2	97.0	98.7	99.1	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	94.1	95.2	97.0	98.7	99.1	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	94.1	95.2	97.0	98.7	99.1	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	94.1	95.2	97.0	98.7	99.1	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	94.1	95.2	97.0	98.7	99.1	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	94.1	95.2	97.0	98.8	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.1	95.2	97.0	98.8	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.1	95.2	97.0	98.8	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.1	95.2	97.0	98.8	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.1	95.2	97.0	98.8	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	79.6	81.8	82.7	83.6	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 20000	82.4	84.8	85.8	86.8	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 18000	82.8	85.1	86.1	87.1	87.4	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 16000	82.9	85.2	86.2	87.2	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 14000	83.8	86.1	87.1	88.1	88.4	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 12000	85.2	87.6	88.6	89.6	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 10000	87.6	89.9	90.9	92.0	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 9000	87.6	89.9	90.9	92.0	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 8000	89.3	91.7	92.7	93.8	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 7000	89.7	92.0	93.0	94.1	94.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 6000	89.9	92.2	93.3	94.4	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 5000	90.9	93.2	94.3	95.4	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 4500	90.9	93.2	94.3	95.4	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 4000	91.8	94.1	95.4	96.6	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3500	91.8	94.1	95.4	96.6	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3000	92.2	94.6	95.9	97.0	97.3	97.3	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 2500	92.6	94.9	96.2	97.3	97.7	97.7	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	93.1	95.4	96.8	97.9	98.4	98.4	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	93.1	95.4	96.8	97.9	98.4	98.4	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	93.1	95.4	96.8	97.9	98.4	98.4	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	93.2	95.6	96.9	98.0	98.6	98.6	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	93.3	95.7	97.0	98.2	98.8	98.8	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	93.3	95.7	97.0	98.2	98.8	98.8	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	93.3	95.7	97.0	98.2	98.8	98.8	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	93.6	95.9	97.2	98.4	99.0	99.0	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	93.6	95.9	97.2	98.4	99.0	99.0	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	93.7	96.0	97.3	98.6	99.1	99.1	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	93.7	96.0	97.3	98.6	99.1	99.1	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	93.7	96.0	97.3	98.6	99.1	99.1	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.7	96.0	97.3	98.6	99.1	99.1	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.7	96.0	97.3	98.6	99.1	99.1	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.7	96.0	97.3	98.6	99.1	99.1	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	77.9	79.8	81.7	82.8	83.2	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 20000	81.7	83.6	85.4	86.6	87.0	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 18000	82.7	84.6	86.4	87.6	88.0	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 16000	82.7	84.6	86.4	87.6	88.0	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 14000	83.0	85.1	87.0	88.1	88.6	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 12000	84.1	86.4	88.3	89.4	89.9	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 10000	86.6	88.9	90.8	91.9	92.3	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 9000	86.6	88.9	90.8	91.9	92.3	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 8000	87.8	90.1	92.0	93.1	93.6	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 7000	88.3	90.7	92.6	93.7	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 6000	88.4	90.8	92.7	93.8	94.2	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 5000	89.2	91.6	93.4	94.6	95.1	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 4500	89.2	91.6	93.4	94.6	95.1	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 4000	91.0	93.3	95.2	96.3	97.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 3500	91.0	93.3	95.2	96.3	97.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 3000	92.1	94.4	96.3	97.4	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2500	92.4	94.8	96.8	97.9	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000	92.9	95.2	97.3	98.4	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1800	92.9	95.2	97.3	98.4	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500	92.9	95.2	97.3	98.4	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	92.9	95.2	97.3	98.4	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	92.9	95.2	97.3	98.4	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	92.9	95.2	97.3	98.4	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	92.9	95.2	97.3	98.4	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	92.9	95.2	97.3	98.4	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	92.9	95.2	97.3	98.4	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	92.9	95.2	97.3	98.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.9	95.2	97.3	98.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.9	95.2	97.3	98.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.9	95.2	97.3	98.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.9	95.2	97.3	98.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.9	95.2	97.3	98.4	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	77.2	78.4	80.4	80.9	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 20000	83.1	84.7	86.7	87.1	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 18000	83.1	84.7	86.7	87.1	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 16000	83.1	84.7	86.7	87.1	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 14000	83.8	85.3	87.4	87.9	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 12000	85.0	86.7	88.8	89.2	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 10000	88.2	89.9	92.1	92.6	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 9000	88.4	90.1	92.3	92.8	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 8000	89.6	91.2	93.4	93.9	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 7000	89.7	91.3	93.6	94.0	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 6000	90.7	92.3	94.6	95.0	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 5000	91.9	93.6	96.0	96.4	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 4500	91.9	93.6	96.0	96.4	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 4000	93.3	95.0	97.4	97.9	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3500	93.3	95.0	97.4	97.9	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 3000	93.8	95.4	97.9	98.3	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2500	93.8	95.4	97.9	98.3	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000	93.8	95.4	97.9	98.3	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	93.8	95.4	97.9	98.3	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	93.9	95.6	98.0	98.4	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	93.9	95.6	98.0	98.4	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	93.9	95.6	98.0	98.4	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	93.9	95.6	98.0	98.4	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	93.9	95.6	98.0	98.4	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	94.1	95.8	98.2	98.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	94.1	95.8	98.2	98.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.1	95.8	98.2	98.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.1	95.8	98.2	98.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.1	95.8	98.2	98.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.1	95.8	98.2	98.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.1	95.8	98.2	98.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.1	95.8	98.2	98.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	82.8	83.9	85.0	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 20000	85.6	86.8	88.0	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 18000	85.6	86.8	88.0	88.1	88.6	88.6	88.6	88.6	88.6	83.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 16000	85.6	86.8	88.0	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 14000	86.8	88.0	89.3	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 12000	88.6	89.8	91.1	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 10000	91.2	92.4	93.8	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 9000	91.2	92.4	93.8	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 8000	92.7	93.9	95.2	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 7000	92.7	93.9	95.2	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 6000	93.7	94.9	96.2	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 5000	94.9	96.1	97.6	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 4500	95.3	96.6	98.0	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 4000	95.8	97.0	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 3500	95.8	97.0	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 3000	96.3	97.6	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	96.3	97.6	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	96.3	97.6	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	96.3	97.6	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	96.3	97.6	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	96.3	97.6	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	96.3	97.6	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	96.3	97.6	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	96.3	97.6	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	96.3	97.6	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	96.3	97.6	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.3	97.6	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.3	97.6	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.3	97.6	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.3	97.6	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.3	97.6	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.3	97.6	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	87.1	87.4	88.1	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 20000	89.8	90.1	90.8	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 18000	90.2	90.6	91.2	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 16000	90.3	90.7	91.3	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 14000	90.7	91.0	91.8	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 12000	91.4	91.8	92.6	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 10000	93.1	93.4	94.2	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 9000	93.1	93.4	94.2	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 8000	94.2	94.7	95.4	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 7000	94.2	94.7	95.4	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 6000	95.4	95.9	96.7	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 5000	95.9	96.3	97.2	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 4500	96.0	96.4	97.3	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 4000	97.0	97.4	98.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 3500	97.2	97.7	98.7	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 3000	97.4	97.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	97.4	97.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	97.4	97.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	97.4	97.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	97.4	97.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	97.4	97.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	97.4	97.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	97.4	97.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	97.4	97.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.4	97.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.4	97.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.4	97.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.4	97.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.4	97.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.4	97.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.4	97.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.4	97.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 86 - MAY 90
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	82.5	83.4	84.7	85.2	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 20000	85.5	86.6	87.8	88.4	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 18000	85.9	86.9	88.2	88.7	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 16000	85.9	86.9	88.2	88.8	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 14000	86.7	87.8	89.1	89.7	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 12000	87.8	88.9	90.3	90.9	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 10000	90.2	91.3	92.7	93.3	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 9000	90.2	91.4	92.7	93.4	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 8000	91.5	92.6	94.0	94.7	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 7000	91.7	92.8	94.1	94.8	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 6000	92.3	93.5	94.9	95.5	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 5000	93.2	94.3	95.8	96.5	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 4500	93.3	94.4	95.9	96.6	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 4000	94.4	95.5	97.1	97.8	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 3500	94.4	95.6	97.1	97.9	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 3000	94.9	96.0	97.6	98.3	98.7	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 2500	95.0	96.1	97.7	98.4	98.8	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	95.2	96.4	98.0	98.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	95.2	96.4	98.0	98.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500	95.3	96.5	98.1	98.9	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	95.4	96.6	98.2	98.9	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	95.4	96.6	98.2	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	95.4	96.6	98.2	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	95.4	96.6	98.2	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	95.5	96.7	98.3	99.0	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	95.5	96.7	98.3	99.0	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	95.5	96.7	98.3	99.1	99.5	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.5	96.7	98.3	99.1	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.5	96.7	98.3	99.1	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.5	96.7	98.3	99.1	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.5	96.7	98.3	99.1	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.5	96.7	98.3	99.1	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/6	GE 1/4	GE 0
NO CEIL	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 20000	84.6	84.8	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4
GE 18000	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7
GE 16000	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7
GE 14000	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5
GE 12000	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5
GE 10000	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7
GE 9000	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7
GE 8000	92.0	92.4	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9
GE 7000	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4
GE 6000	93.1	93.5	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1
GE 5000	95.3	95.7	96.0	96.0	96.0	96.0	96.1	96.2	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6
GE 4500	95.6	96.1	96.5	96.5	96.5	96.5	96.6	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0
GE 4000	96.7	97.2	97.5	97.6	97.6	97.6	97.7	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2
GE 3500	97.1	97.6	98.0	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE 3000	97.4	98.0	98.3	98.4	98.4	98.4	98.5	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9
GE 2500	97.4	98.0	98.3	98.4	98.4	98.4	98.5	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	97.5	98.1	98.4	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	97.5	98.1	98.4	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500	97.5	98.1	98.4	98.8	98.9	98.9	99.1	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	97.5	99.1	98.4	98.8	98.9	98.9	99.1	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	97.5	98.2	98.5	98.9	99.0	99.0	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	97.5	98.2	98.5	98.9	99.0	99.0	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	97.5	98.2	98.5	98.9	99.0	99.0	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	97.5	98.2	98.5	98.9	99.0	99.0	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	97.5	98.2	98.5	98.9	99.0	99.0	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	97.5	98.3	98.6	99.0	99.1	99.1	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	97.5	98.3	98.6	99.0	99.1	99.1	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	97.5	98.3	98.6	99.0	99.1	99.1	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	97.5	98.3	98.6	99.0	99.2	99.2	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.5	98.3	98.6	99.0	99.2	99.2	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.5	98.3	98.6	99.0	99.2	99.2	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	81.6	81.8	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 20000	83.8	84.2	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1
GE 18000	84.2	84.6	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5
GE 16000	84.2	84.6	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5
GE 14000	85.7	86.1	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0
GE 12000	87.8	88.3	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1
GE 10000	90.6	91.2	91.7	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4
GE 9000	91.0	91.5	92.0	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7
GE 8000	92.2	92.7	93.5	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3
GE 7000	92.5	93.0	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6
GE 6000	93.1	93.8	94.6	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4
GE 5000	94.7	95.4	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0
GE 4500	94.8	95.5	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1
GE 4000	95.5	96.1	97.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0
GE 3500	95.6	96.2	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1
GE 3000	96.1	96.8	97.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE 2500	96.1	96.8	97.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	96.2	96.9	97.7	98.2	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	96.2	96.9	97.7	98.2	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	96.2	96.9	97.7	98.2	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	96.5	97.1	98.0	98.4	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	96.5	97.1	98.0	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	96.5	97.1	98.0	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	96.5	97.1	98.0	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	96.5	97.1	98.0	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	96.5	97.1	98.0	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	96.5	97.1	98.0	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	96.5	97.1	98.0	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.7	99.8
GE 300	96.5	97.1	98.0	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.7	99.8
GE 200	96.5	97.1	98.0	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.7	99.8
GE 100	96.5	97.1	98.0	98.6	99.4	99.4	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.9	100.0
GE 000	96.5	97.1	98.0	98.6	99.4	99.4	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	76.5	77.2	78.0	78.6	79.1	79.1	79.1	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 20000	79.4	80.1	80.9	81.5	82.0	82.0	82.0	82.0	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 18000	79.8	80.5	81.3	81.9	82.5	82.5	82.5	82.5	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 16000	79.8	80.5	81.3	81.9	82.5	82.5	82.5	82.5	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 14000	81.4	82.3	83.0	83.8	84.4	84.4	84.4	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 12000	83.2	84.1	84.8	85.6	86.2	86.2	86.2	86.2	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 10000	86.7	87.5	88.4	89.1	89.8	89.8	89.8	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 9000	86.7	87.5	88.4	89.1	89.8	89.8	89.8	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 8000	88.9	89.8	90.6	91.4	92.2	92.2	92.4	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 7000	89.2	90.1	91.0	91.7	92.5	92.5	92.7	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 6000	90.2	91.1	91.9	92.7	93.4	93.4	93.7	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 5000	90.9	91.7	92.6	93.3	94.1	94.1	94.3	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 4500	90.9	91.7	92.6	93.3	94.1	94.1	94.3	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 4000	92.6	93.4	94.4	95.3	96.1	96.1	96.3	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3500	92.9	93.8	94.7	95.6	96.5	96.5	96.7	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3000	93.2	94.1	95.1	96.0	96.9	96.9	97.1	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2500	93.2	94.1	95.1	96.0	96.9	96.9	97.1	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	94.1	94.9	96.0	97.1	98.0	98.0	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	94.1	94.9	96.0	97.1	98.0	98.0	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	94.1	94.9	96.0	97.1	98.0	98.0	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	94.1	94.9	96.0	97.1	98.0	98.0	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	94.4	95.3	96.3	97.4	98.3	98.3	98.7	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	94.5	95.4	96.5	97.5	98.4	98.4	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	94.5	95.4	96.5	97.5	98.4	98.4	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2
GE 700	94.6	95.6	96.7	97.7	98.6	98.6	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.5
GE 600	94.6	95.6	96.7	97.7	98.6	98.6	99.1	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6
GE 500	94.6	95.6	96.7	97.7	98.6	98.6	99.1	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6
GE 400	94.6	95.6	96.7	97.7	98.6	98.6	99.1	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6
GE 300	94.6	95.6	96.7	97.7	98.6	98.6	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 200	94.6	95.6	96.7	97.7	98.6	98.6	99.2	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.9	100.0
GE 100	94.6	95.6	96.7	97.7	98.6	98.6	99.2	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.9	100.0
GE 000	94.6	95.6	96.7	97.7	98.6	98.6	99.2	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.2	75.7	76.5	76.5	76.6	76.6	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 20000	79.9	81.5	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 18000	80.5	82.2	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 16000	80.6	82.3	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 14000	82.4	84.0	84.8	84.8	84.9	84.9	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 12000	84.8	86.6	87.4	87.6	87.8	87.8	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 10000	86.9	88.7	89.7	90.0	90.2	90.2	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 9000	86.9	88.7	89.7	90.0	90.2	90.2	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 8000	88.2	90.0	91.0	91.4	91.6	91.6	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 7000	88.6	90.4	91.4	91.8	92.0	92.0	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 6000	88.6	90.4	91.4	91.8	92.0	92.0	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 5000	89.6	91.4	92.5	92.9	93.1	93.1	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 4500	89.6	91.4	92.5	93.0	93.2	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 4000	91.6	93.5	94.6	95.4	95.6	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3500	92.2	94.1	95.3	96.0	96.2	96.2	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 3000	92.4	94.3	95.5	96.2	96.5	96.5	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2500	92.7	94.6	95.9	96.7	96.9	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2000	92.9	94.8	96.1	96.9	97.1	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	92.9	94.8	96.1	96.9	97.1	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	93.4	95.4	96.8	97.5	97.7	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	93.4	95.4	96.8	97.7	98.0	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	93.7	95.6	97.1	98.1	98.3	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	93.9	95.8	97.3	98.1	98.5	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	94.1	96.0	97.5	98.5	98.7	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	94.1	96.0	97.5	98.5	98.7	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	94.1	96.0	97.5	98.5	98.7	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	94.1	96.0	97.5	98.5	98.8	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	94.1	96.0	97.5	98.5	98.8	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	94.1	96.0	97.5	98.5	98.8	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 200	94.1	96.0	97.5	98.5	98.8	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 100	94.1	96.0	97.5	98.5	98.8	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	100.0	100.0
GE 000	94.1	96.0	97.5	98.5	98.8	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	71.9	74.6	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 20000	78.5	81.6	83.0	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 18000	79.2	82.4	83.8	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 16000	79.2	82.4	83.8	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 14000	80.8	84.1	85.6	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 12000	82.7	86.0	87.7	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 10000	84.2	87.6	89.4	89.7	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 9000	84.2	87.6	89.4	89.7	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 8000	85.5	88.9	90.8	91.1	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 7000	86.1	89.6	91.5	91.8	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 6000	86.2	89.7	91.7	92.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 5000	87.2	90.6	92.7	93.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 4500	87.4	90.9	92.9	93.2	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 4000	89.2	92.7	94.7	95.2	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3500	90.0	93.5	95.7	96.1	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 3000	90.8	94.4	96.6	97.1	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2500	91.3	94.9	97.1	97.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000	91.3	94.9	97.1	97.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	91.3	94.9	97.1	97.7	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	91.4	95.1	97.3	98.0	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	91.4	95.1	97.3	98.0	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	91.4	95.1	97.3	98.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	91.4	95.1	97.3	98.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	91.5	95.2	97.4	98.1	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	91.5	95.2	97.4	98.1	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	91.5	95.2	97.4	98.1	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	91.5	95.2	97.4	98.1	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	91.5	95.2	97.4	98.1	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	91.5	95.2	97.4	98.1	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.5	95.2	97.4	98.1	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.5	95.2	97.4	98.1	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.5	95.2	97.4	98.1	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.8	72.6	74.2	74.5	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 20000	74.4	78.3	79.9	80.2	81.2	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 18000	75.4	79.2	80.9	81.2	82.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 16000	75.5	79.4	81.0	81.3	82.3	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 14000	78.2	82.4	84.1	84.4	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 12000	80.3	84.6	86.5	86.9	87.8	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 10000	82.7	87.2	89.1	89.7	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 9000	82.7	87.2	89.1	89.7	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 8000	84.2	88.9	90.9	91.5	92.5	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 7000	84.7	89.7	91.8	92.5	93.5	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 6000	85.1	90.0	92.2	92.8	94.1	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 5000	86.5	91.4	93.5	94.2	95.5	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 4500	86.8	91.7	93.9	94.5	95.8	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 4000	88.0	92.9	95.1	95.7	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 3500	88.3	93.4	95.6	96.2	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 3000	88.8	94.0	96.1	96.8	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2500	89.0	94.2	96.5	97.1	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	89.0	94.2	96.5	97.1	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	89.0	94.2	96.5	97.1	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	89.0	94.2	96.5	97.1	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	89.0	94.2	96.5	97.1	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	89.0	94.2	96.5	97.1	99.0	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	89.0	94.2	96.5	97.1	99.0	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	89.0	94.2	96.5	97.2	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	89.0	94.2	96.5	97.3	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	89.0	94.2	96.5	97.3	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	89.0	94.2	96.5	97.3	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	89.0	94.2	96.5	97.3	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	89.0	94.2	96.5	97.3	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	89.0	94.2	96.5	97.3	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.0	94.2	96.5	97.3	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.0	94.2	96.5	97.3	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	76.1	78.0	78.9	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 20000	80.1	82.3	83.2	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 18000	80.3	82.5	83.4	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 16000	80.5	82.7	83.7	84.5	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 14000	82.5	84.6	85.6	86.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 12000	84.4	86.6	87.6	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 10000	86.9	89.0	90.1	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 9000	86.9	89.0	90.1	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 8000	88.5	90.8	91.9	93.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 7000	88.8	91.1	92.4	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 6000	89.5	91.7	93.0	94.1	94.8	94.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 5000	91.0	93.2	94.8	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 4500	91.3	93.5	95.2	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 4000	92.3	94.5	96.1	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 3500	92.4	94.6	96.2	97.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 3000	92.9	95.2	96.9	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2500	92.9	95.2	96.9	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2000	92.9	95.2	97.0	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	92.9	95.2	97.0	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500	92.9	95.2	97.0	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	92.9	95.2	97.1	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	92.9	95.2	97.1	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	92.9	95.2	97.1	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	92.9	95.2	97.1	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	92.9	95.2	97.1	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	92.9	95.2	97.1	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	92.9	95.2	97.1	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.9	95.2	97.1	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.9	95.2	97.1	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.9	95.2	97.1	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.9	95.2	97.1	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.9	95.2	97.1	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	83.2	84.1	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
GE 20000	84.9	85.8	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5
GE 18000	84.9	85.8	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5
GE 16000	84.9	85.8	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5
GE 14000	86.6	87.4	87.6	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1
GE 12000	88.2	89.0	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7
GE 10000	89.8	90.8	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4
GE 9000	89.8	90.8	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4
GE 8000	92.0	93.0	93.2	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7
GE 7000	92.5	93.4	93.7	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1
GE 6000	93.0	94.0	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6
GE 5000	94.4	95.4	95.6	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0
GE 4500	94.7	95.7	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3
GE 4000	96.0	97.0	97.2	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
GE 3500	96.1	97.1	97.3	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
GE 3000	96.9	97.8	98.1	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
GE 2500	96.9	97.8	98.1	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
GE 2000	96.9	97.8	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 1800	96.9	97.8	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 1500	96.9	97.8	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 1200	96.9	97.8	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 1000	96.9	97.8	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 900	96.9	97.8	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 800	96.9	97.8	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 700	96.9	97.8	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 600	96.9	97.8	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 500	96.9	97.8	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 400	96.9	97.8	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	96.9	97.8	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	96.9	97.8	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	96.9	97.8	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	96.9	97.8	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	77.0	78.4	79.1	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 20000	80.7	82.3	83.1	83.4	83.7	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.0
GE 18000	81.2	82.8	83.6	83.9	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 16000	81.2	82.8	83.7	83.9	84.3	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
GE 14000	83.0	84.7	85.6	85.8	86.2	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.5
GE 12000	85.0	86.8	87.6	88.0	88.4	88.4	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
GE 10000	87.3	89.2	90.1	90.5	90.9	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 9000	87.4	89.2	90.1	90.5	90.9	91.0	91.0	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2
GE 8000	88.9	90.8	91.8	92.2	92.7	92.7	92.8	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0
GE 7000	89.4	91.3	92.3	92.8	93.2	93.2	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 6000	89.9	91.8	92.8	93.3	93.8	93.8	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
GE 5000	91.2	93.1	94.2	94.7	95.3	95.3	95.4	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
GE 4500	91.4	93.3	94.5	94.9	95.5	95.5	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 4000	92.7	94.7	95.8	96.5	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 3500	93.1	95.1	96.2	96.9	97.6	97.6	97.7	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 3000	93.6	95.6	96.8	97.5	98.2	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 2500	93.7	95.7	96.9	97.6	98.4	98.4	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000	93.9	95.9	97.1	98.0	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
GE 1800	93.9	95.9	97.1	98.0	98.8	98.9	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	93.9	95.9	97.2	98.1	98.9	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	94.0	96.0	97.3	98.2	99.0	99.0	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	94.0	96.0	97.4	98.3	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
GE 900	94.1	96.1	97.4	98.3	99.2	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	94.1	96.1	97.4	98.4	99.2	99.3	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	94.1	96.2	97.5	98.4	99.3	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	94.1	96.2	97.5	98.4	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 500	94.1	96.2	97.5	98.4	99.3	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	94.1	96.2	97.5	98.4	99.3	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE 300	94.1	96.2	97.5	98.4	99.3	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9
GE 200	94.1	96.2	97.5	98.4	99.3	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	94.1	96.2	97.5	98.4	99.3	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	94.1	96.2	97.5	98.4	99.3	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV HOURS: 00-02

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.2	60.0	61.6	62.3	62.6	62.6	62.7	62.8	62.8	62.8	62.9	62.9	63.1	63.1	63.2	63.4
GE 20000	64.2	65.1	66.7	67.6	67.8	67.8	67.9	68.0	68.0	68.0	68.1	68.1	68.3	68.3	68.4	68.7
GE 18000	64.2	65.1	66.7	67.6	67.8	67.8	67.9	68.0	68.0	68.0	68.1	68.1	68.3	68.3	68.4	68.7
GE 16000	64.2	65.1	66.7	67.6	67.8	67.8	67.9	68.0	68.0	68.0	68.1	68.1	68.3	68.3	68.4	68.7
GE 14000	65.1	66.0	67.7	68.6	68.8	68.8	68.9	69.0	69.0	69.0	69.1	69.1	69.3	69.3	69.4	69.7
GE 12000	66.9	67.8	69.7	70.8	71.3	71.3	71.4	71.6	71.6	71.6	71.7	71.7	71.9	71.9	72.0	72.2
GE 10000	68.9	69.8	71.8	73.0	73.9	73.9	74.0	74.1	74.1	74.1	74.2	74.2	74.4	74.4	74.6	74.8
GE 9000	69.3	70.2	72.2	73.4	74.3	74.3	74.4	74.6	74.6	74.6	74.7	74.7	74.9	74.9	75.0	75.2
GE 8000	72.0	72.9	75.1	76.8	78.0	78.0	78.1	78.2	78.2	78.2	78.3	78.3	78.6	78.6	78.7	78.9
GE 7000	72.7	73.7	75.9	77.9	79.1	79.1	79.2	79.3	79.3	79.3	79.4	79.4	79.7	79.7	79.8	80.0
GE 6000	74.0	75.0	77.2	79.3	80.7	80.7	80.8	80.9	80.9	80.9	81.0	81.0	81.2	81.2	81.3	81.6
GE 5000	76.3	77.7	80.0	82.2	83.7	83.7	83.8	83.9	83.9	83.9	84.0	84.0	84.2	84.2	84.3	84.6
GE 4500	76.6	77.9	80.2	82.4	84.0	84.0	84.1	84.2	84.2	84.2	84.3	84.3	84.6	84.6	84.7	84.9
GE 4000	79.6	80.9	83.4	85.8	87.6	87.6	87.7	87.8	87.8	87.8	87.9	87.9	88.1	88.1	88.2	88.4
GE 3500	80.1	81.4	84.1	86.4	88.2	88.2	88.4	88.6	88.6	88.6	88.7	88.7	88.9	88.9	89.0	89.2
GE 3000	81.4	82.8	85.8	88.4	90.4	90.8	91.0	91.1	91.1	91.1	91.2	91.2	91.4	91.4	91.6	91.8
GE 2500	82.0	83.4	86.4	89.3	91.3	91.7	91.9	92.0	92.0	92.0	92.1	92.1	92.3	92.3	92.4	92.7
GE 2000	82.6	84.0	87.1	90.3	92.3	92.7	93.0	93.1	93.1	93.1	93.2	93.2	93.4	93.4	93.6	93.8
GE 1800	82.6	84.0	87.2	90.4	92.4	92.8	93.1	93.2	93.2	93.2	93.3	93.3	93.6	93.6	93.7	93.9
GE 1500	82.7	84.3	87.5	91.1	93.3	93.7	94.1	94.2	94.2	94.2	94.3	94.3	94.6	94.6	94.7	94.9
GE 1200	82.8	84.4	87.9	91.8	94.3	94.7	95.1	95.2	95.2	95.2	95.3	95.3	95.6	95.6	95.7	95.9
GE 1000	83.1	84.8	88.2	92.1	94.8	95.1	95.6	95.7	95.7	95.7	95.8	95.8	96.0	96.0	96.1	96.3
GE 900	83.1	84.8	88.2	92.1	94.8	95.1	95.6	95.7	95.7	95.7	95.8	95.8	96.0	96.0	96.1	96.3
GE 800	83.1	84.8	88.2	92.1	94.8	95.1	95.6	95.7	95.7	95.7	95.8	95.8	96.0	96.0	96.1	96.3
GE 700	83.1	84.8	88.2	92.1	94.8	95.2	95.7	95.9	95.9	95.9	96.0	96.1	96.4	96.4	96.6	96.8
GE 600	83.1	84.8	88.2	92.1	94.8	95.2	96.0	96.2	96.2	96.2	96.3	96.4	96.8	96.8	97.0	97.2
GE 500	83.1	84.8	88.2	92.1	94.8	95.2	96.0	96.2	96.2	96.2	96.3	96.4	96.8	96.8	97.0	97.2
GE 400	83.1	84.8	88.2	92.1	95.0	95.4	96.7	97.0	97.1	97.1	97.2	97.3	97.7	97.7	97.9	98.1
GE 300	83.1	84.8	88.2	92.1	95.1	95.6	96.9	97.4	97.6	97.9	98.1	98.2	98.6	98.6	98.8	99.1
GE 200	83.1	84.8	88.2	92.1	95.1	95.6	97.0	97.6	97.7	98.1	98.4	98.6	99.0	99.0	99.2	99.7
GE 100	83.1	84.8	88.2	92.1	95.1	95.6	97.0	97.6	97.7	98.1	98.7	98.8	99.2	99.2	99.4	100.0
GE 000	83.1	84.8	88.2	92.1	95.1	95.6	97.0	97.6	97.7	98.1	98.7	98.8	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.9	58.8	59.8	60.7	61.2	61.2	61.4	61.6	61.6	62.2	62.2	62.2	62.6	62.6	62.6	62.9
GE 20000	62.2	63.1	64.3	65.2	65.8	65.8	66.0	66.1	66.1	66.8	66.8	66.8	67.1	67.1	67.1	67.4
GE 18000	62.4	63.3	64.6	65.4	66.0	66.0	66.2	66.3	66.3	67.0	67.0	67.0	67.3	67.3	67.3	67.7
GE 16000	62.4	63.3	64.6	65.4	66.0	66.0	66.2	66.3	66.3	67.0	67.0	67.0	67.3	67.3	67.3	67.7
GE 14000	63.7	64.6	65.8	66.7	67.2	67.2	67.4	67.6	67.6	68.2	68.2	68.2	68.6	68.6	68.6	68.9
GE 12000	65.1	66.0	67.6	68.4	69.0	69.0	69.2	69.3	69.3	70.0	70.0	70.0	70.3	70.3	70.3	70.7
GE 10000	67.9	68.8	70.4	71.3	72.2	72.2	72.4	72.6	72.6	73.2	73.2	73.2	73.6	73.6	73.6	73.9
GE 9000	67.9	68.8	70.4	71.3	72.2	72.2	72.4	72.6	72.6	73.2	73.2	73.2	73.6	73.6	73.6	73.9
GE 8000	71.0	71.9	73.9	74.8	75.8	75.8	76.0	76.1	76.1	76.8	76.8	76.8	77.1	77.1	77.1	77.4
GE 7000	71.6	72.6	74.6	75.8	76.8	76.8	77.0	77.1	77.1	77.8	77.8	77.8	78.1	78.1	78.1	78.4
GE 6000	74.0	75.0	77.0	78.2	79.3	79.3	79.6	79.7	79.7	80.3	80.3	80.3	80.7	80.7	80.7	81.0
GE 5000	76.0	77.0	79.4	81.1	82.3	82.3	82.8	82.9	82.9	83.6	83.6	83.6	83.9	83.9	83.9	84.2
GE 4500	76.1	77.1	79.8	81.4	82.7	82.7	83.1	83.2	83.2	83.9	83.9	83.9	84.2	84.2	84.2	84.6
GE 4000	77.4	78.8	81.8	83.4	84.9	84.9	85.3	85.4	85.4	86.1	86.1	86.1	86.4	86.4	86.4	86.8
GE 3500	77.6	78.9	82.1	84.1	85.7	85.7	86.1	86.2	86.2	86.9	86.9	86.9	87.2	87.2	87.2	87.6
GE 3000	79.6	80.9	84.6	86.6	88.4	88.4	88.9	89.0	89.0	89.7	89.7	89.7	90.0	90.0	90.0	90.3
GE 2500	80.4	81.8	85.6	87.6	89.4	89.6	90.0	90.1	90.1	90.8	90.8	90.8	91.1	91.1	91.1	91.4
GE 2000	81.0	82.6	86.4	88.6	90.7	90.8	91.2	91.3	91.3	92.0	92.0	92.0	92.3	92.3	92.3	92.7
GE 1800	81.0	82.6	86.4	88.7	90.8	90.9	91.3	91.4	91.4	92.1	92.1	92.1	92.4	92.4	92.4	92.8
GE 1500	81.1	82.7	86.6	89.1	91.2	91.3	91.8	91.9	91.9	92.6	92.6	92.6	92.9	92.9	92.9	93.2
GE 1200	81.1	82.7	86.8	90.1	92.4	92.6	93.1	93.3	93.3	94.0	94.0	94.0	94.3	94.3	94.3	94.7
GE 1000	81.6	83.1	87.3	90.7	93.2	93.3	93.9	94.1	94.1	94.8	94.8	94.8	95.1	95.1	95.2	95.6
GE 900	81.6	83.1	87.4	90.8	93.3	93.6	94.1	94.4	94.4	95.1	95.1	95.2	95.7	95.7	95.8	96.1
GE 800	81.7	83.2	87.7	91.0	93.6	93.8	94.3	94.7	94.7	95.3	95.3	95.4	95.9	95.9	96.1	96.4
GE 700	81.7	83.2	87.7	91.1	93.8	94.1	94.8	95.4	95.4	96.1	96.1	96.2	96.8	96.8	97.0	97.3
GE 600	81.8	83.3	87.8	91.2	93.9	94.2	95.0	95.7	95.7	96.3	96.3	96.4	97.0	97.0	97.2	97.6
GE 500	81.8	83.3	87.8	91.2	93.9	94.2	95.0	95.8	95.8	96.4	96.4	96.6	97.1	97.1	97.3	97.7
GE 400	81.8	83.3	87.8	91.2	94.0	94.3	95.6	96.3	96.3	97.1	97.1	97.2	97.8	97.8	98.0	98.4
GE 300	81.8	83.3	87.8	91.3	94.2	94.6	95.8	96.7	96.8	97.7	97.7	97.8	98.3	98.3	98.6	99.0
GE 200	81.8	83.3	87.9	91.4	94.3	94.7	95.9	96.8	96.9	98.0	98.0	98.1	98.7	98.7	98.9	99.6
GE 100	81.8	83.3	87.9	91.4	94.3	94.7	95.9	96.8	96.9	98.1	98.1	98.2	98.8	98.8	99.0	99.9
GE 000	81.8	83.3	87.9	91.4	94.3	94.7	95.9	96.8	96.9	98.1	98.1	98.2	98.9	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.8	55.3	56.1	56.2	56.8	56.8	56.8	56.8	56.8	57.0	57.1	57.1	57.4	57.4	57.7	57.9
GE 20000	57.0	58.7	59.9	60.2	61.3	61.3	61.3	61.3	61.3	61.6	61.7	61.7	62.0	62.0	62.4	62.9
GE 18000	57.9	59.6	60.8	61.1	62.2	62.2	62.2	62.2	62.2	62.4	62.6	62.6	62.9	62.9	63.3	63.8
GE 16000	58.2	59.9	61.1	61.4	62.6	62.6	62.6	62.6	62.6	62.8	62.9	62.9	63.2	63.2	63.7	64.1
GE 14000	59.8	61.4	62.7	63.0	64.1	64.1	64.1	64.1	64.1	64.3	64.4	64.4	64.8	64.8	65.2	65.7
GE 12000	62.0	63.9	65.2	65.6	66.8	66.8	66.8	66.8	66.8	67.0	67.1	67.1	67.4	67.4	67.9	68.3
GE 10000	64.1	66.0	67.3	67.7	69.0	69.1	69.2	69.2	69.2	69.4	69.6	69.6	69.9	69.9	70.3	70.8
GE 9000	64.1	66.0	67.3	67.7	69.1	69.2	69.3	69.3	69.3	69.6	69.7	69.7	70.0	70.0	70.4	70.9
GE 8000	66.9	68.9	70.6	71.0	72.6	72.7	73.0	73.0	73.0	73.2	73.3	73.3	73.8	73.9	74.3	74.8
GE 7000	67.2	69.2	71.0	71.4	73.1	73.2	73.6	73.6	73.7	73.9	74.0	74.0	74.4	74.6	75.0	75.4
GE 6000	69.1	71.2	73.1	73.6	75.4	75.7	76.1	76.1	76.2	76.4	76.6	76.6	77.0	77.1	77.6	78.0
GE 5000	71.3	73.7	75.8	76.2	78.1	78.3	78.9	78.9	79.0	79.3	79.4	79.4	79.9	80.0	80.6	81.0
GE 4500	71.6	73.9	76.1	76.6	78.6	78.9	79.4	79.4	79.6	79.9	80.0	80.0	80.4	80.6	81.1	81.6
GE 4000	72.4	75.0	77.6	78.2	80.2	80.7	81.2	81.2	81.3	81.7	81.8	81.8	82.2	82.3	82.9	83.3
GE 3500	72.8	75.3	78.2	79.0	81.0	81.4	82.0	82.0	82.1	82.4	82.6	82.6	83.0	83.1	83.7	84.1
GE 3000	73.8	76.3	79.7	80.8	83.1	83.6	84.2	84.2	84.3	84.7	84.8	84.8	85.2	85.3	85.9	86.3
GE 2500	74.0	76.6	80.1	81.2	84.1	84.8	85.4	85.4	85.6	85.9	86.0	86.0	86.4	86.6	87.1	87.6
GE 2000	75.0	77.7	81.4	82.7	85.8	86.4	87.3	87.4	87.6	87.9	88.1	88.1	88.6	88.7	89.2	89.7
GE 1800	75.0	77.7	81.4	82.7	85.8	86.4	87.3	87.4	87.6	87.9	88.1	88.1	88.6	88.7	89.2	89.7
GE 1500	75.3	78.0	81.8	83.1	86.2	86.9	87.8	87.9	88.0	88.3	88.6	88.6	89.0	89.1	89.7	90.1
GE 1200	75.4	78.2	82.0	83.6	87.2	88.0	89.0	89.1	89.3	89.7	89.9	89.9	90.3	90.4	91.0	91.4
GE 1000	75.9	78.9	83.0	84.7	88.7	89.6	90.9	91.0	91.2	91.6	91.8	91.8	92.2	92.3	92.9	93.3
GE 900	75.9	78.9	83.1	84.8	88.8	89.7	91.0	91.1	91.3	91.7	91.9	91.9	92.3	92.4	93.0	93.4
GE 800	75.9	78.9	83.1	84.9	89.0	89.9	91.3	91.4	91.7	92.2	92.4	92.4	92.9	93.0	93.6	94.0
GE 700	75.9	78.9	83.1	85.0	89.4	90.3	92.0	92.2	92.4	93.0	93.2	93.2	93.7	93.8	94.3	94.8
GE 600	75.9	78.9	83.1	85.1	89.6	90.4	92.2	92.4	92.7	93.2	93.4	93.4	94.0	94.1	94.7	95.1
GE 500	75.9	78.9	83.1	85.1	89.6	90.7	92.4	92.7	93.0	93.7	93.9	93.9	94.4	94.6	95.1	95.7
GE 400	75.9	78.9	83.1	85.1	89.8	90.9	92.8	93.2	93.9	94.7	94.9	94.9	95.4	95.6	96.2	96.8
GE 300	75.9	78.9	83.1	85.3	90.0	91.1	93.3	94.0	94.7	95.4	96.0	96.0	96.6	96.7	97.4	98.7
GE 200	75.9	78.9	83.1	85.3	90.1	91.2	93.6	94.3	95.1	96.0	96.6	96.6	97.1	97.2	98.1	99.7
GE 100	75.9	78.9	83.1	85.3	90.1	91.2	93.6	94.3	95.1	96.0	96.6	96.6	97.1	97.2	98.1	100.0
GE 000	75.9	78.9	83.1	85.3	90.1	91.2	93.6	94.3	95.1	96.0	96.6	96.6	97.1	97.2	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.3	47.6	48.4	49.1	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 20000	52.6	53.9	55.2	55.9	57.1	57.3	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.9	57.9
GE 18000	53.4	54.8	56.1	56.8	58.0	58.2	58.4	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.8	58.8
GE 16000	53.7	55.0	56.3	57.0	58.2	58.4	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	59.0	59.0
GE 14000	55.6	56.9	58.2	59.1	60.6	60.8	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.3	61.3
GE 12000	58.3	59.9	61.4	62.3	64.3	64.6	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.1	65.1
GE 10000	60.1	61.7	63.2	64.7	66.7	66.9	67.1	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.6	67.6
GE 9000	60.2	61.8	63.3	64.8	66.9	67.1	67.3	67.4	67.4	67.6	67.6	67.6	67.7	67.7	67.8	67.8
GE 8000	63.0	64.9	66.6	68.1	70.6	70.8	71.0	71.1	71.1	71.2	71.2	71.2	71.3	71.3	71.4	71.4
GE 7000	63.8	65.7	67.3	68.9	71.3	71.7	71.9	72.0	72.0	72.1	72.1	72.1	72.2	72.2	72.3	72.3
GE 6000	66.3	68.2	69.9	71.4	74.1	74.4	74.7	74.8	74.8	74.9	74.9	74.9	75.0	75.0	75.1	75.1
GE 5000	67.9	69.8	71.8	73.3	76.0	76.6	76.8	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.2	77.2
GE 4500	68.0	69.9	71.9	73.4	75.1	76.7	77.1	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.6	77.6
GE 4000	69.8	71.7	73.7	75.6	78.8	79.3	79.8	79.9	79.9	80.0	80.0	80.0	80.1	80.1	80.2	80.2
GE 3500	70.1	72.1	74.2	76.1	79.6	80.1	80.6	80.7	80.7	80.8	80.8	80.8	80.9	80.9	81.0	81.0
GE 3000	71.8	73.9	76.1	78.1	81.7	82.2	83.0	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.4	83.4
GE 2500	71.9	74.0	76.3	78.4	82.6	83.2	84.0	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.4	84.4
GE 2000	73.4	75.8	78.3	80.9	86.0	86.8	88.1	88.2	88.3	88.4	88.4	88.4	88.7	88.7	88.8	88.8
GE 1800	73.6	75.9	78.4	81.0	86.1	87.0	88.3	88.4	88.6	88.7	88.7	88.7	88.9	88.9	89.0	89.0
GE 1500	74.2	76.7	79.2	81.8	86.9	87.8	89.2	89.4	89.6	89.7	89.7	89.7	89.9	89.9	90.0	90.0
GE 1200	74.4	77.0	79.7	82.3	87.4	88.3	89.8	90.0	90.1	90.2	90.2	90.2	90.4	90.4	90.6	90.6
GE 1000	74.6	77.3	80.4	83.3	88.7	89.6	91.0	91.2	91.3	91.4	91.4	91.4	91.7	91.7	91.8	91.8
GE 900	74.6	77.3	80.4	83.6	89.1	90.0	92.0	92.2	92.3	92.4	92.4	92.4	92.7	92.7	92.8	92.8
GE 800	74.7	77.4	80.6	83.9	89.4	90.3	92.4	92.9	93.0	93.1	93.1	93.1	93.3	93.3	93.4	93.4
GE 700	74.7	77.4	80.6	83.9	89.8	90.7	92.8	93.3	93.4	93.6	93.6	93.6	93.8	93.8	93.9	93.9
GE 600	74.7	77.4	80.6	84.0	90.1	91.2	93.4	94.2	94.3	94.8	94.8	94.8	95.0	95.0	95.1	95.1
GE 500	74.8	77.6	80.8	84.3	90.8	92.0	94.4	95.2	95.3	96.1	96.1	96.1	96.3	96.3	96.6	96.6
GE 400	74.8	77.7	81.0	84.6	91.4	92.7	95.3	96.1	96.6	97.3	97.3	97.6	97.9	98.0	98.2	98.2
GE 300	74.8	77.7	81.1	84.7	92.1	93.6	96.3	97.2	97.7	98.4	98.4	98.7	99.0	99.1	99.4	99.4
GE 200	74.8	77.7	81.1	84.7	92.1	93.6	96.3	97.3	97.8	98.6	98.6	98.8	99.2	99.4	99.9	99.9
GE 100	74.8	77.7	81.1	84.7	92.1	93.6	96.3	97.3	97.8	98.6	98.7	98.9	99.3	99.6	100.0	100.0
GE 000	74.8	77.7	81.1	84.7	92.1	93.6	96.3	97.3	97.8	98.6	98.7	98.9	99.3	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GF 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GF 1/4	GE 0
NO CEIL	44.3	45.8	47.1	47.7	48.3	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 20000	54.3	55.8	57.7	58.3	59.1	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 18000	55.3	56.8	58.7	59.3	60.1	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 16000	55.7	57.1	59.0	59.7	60.4	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 14000	58.2	59.7	61.8	62.8	63.8	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 12000	60.1	61.6	63.7	64.8	65.8	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 10000	63.2	65.0	67.2	68.4	69.4	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 9000	63.7	65.4	67.7	68.9	69.9	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 8000	66.1	67.9	70.4	71.7	72.9	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 7000	66.6	68.3	70.9	72.1	73.3	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 6000	68.3	70.1	72.7	73.9	75.6	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 5000	69.4	71.2	73.9	75.2	77.2	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 4500	69.9	71.7	74.3	75.7	77.7	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4000	72.2	74.0	77.0	78.4	81.9	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3500	72.4	74.2	77.2	79.2	82.2	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3000	74.6	76.4	79.7	81.9	85.6	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 2500	75.4	77.4	80.9	83.1	86.9	87.4	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 2000	76.3	78.4	82.2	84.6	88.7	89.6	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1800	76.4	78.6	82.3	84.7	88.9	89.8	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1500	76.8	79.0	82.9	85.3	89.7	90.6	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1200	77.0	79.3	83.6	86.2	90.9	91.9	92.9	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1000	77.3	79.7	84.2	86.9	91.6	92.6	93.9	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 900	77.4	79.8	84.8	87.7	92.6	93.6	95.1	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 800	77.6	79.9	85.0	87.9	93.3	94.3	96.0	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	77.6	79.9	85.1	88.0	94.0	95.0	96.7	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	77.6	79.9	85.1	88.1	94.6	95.7	97.3	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	77.6	79.9	85.1	88.1	94.6	95.9	97.6	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	77.6	79.9	85.1	88.1	94.7	96.3	98.0	98.8	98.9	98.9	99.0	99.0	99.4	99.4	99.4	99.4
GE 300	77.6	79.9	85.1	88.4	95.0	96.7	98.3	99.1	99.2	99.2	99.3	99.3	99.9	99.9	99.9	99.9
GE 200	77.6	79.9	85.1	88.4	95.0	96.7	98.3	99.1	99.2	99.2	99.3	99.3	99.9	99.9	100.0	100.0
GE 100	77.6	79.9	85.1	88.4	95.0	96.7	98.3	99.1	99.2	99.2	99.3	99.3	99.9	99.9	100.0	100.0
GE 000	77.6	79.9	85.1	88.4	95.0	96.7	98.3	99.1	99.2	99.2	99.3	99.3	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV L URS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NC CEIL	45.2	46.7	48.3	48.8	49.3	49.3	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 20000	53.7	56.0	58.7	59.6	60.4	60.7	61.1	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 180	54.1	57.0	59.7	60.6	61.4	61.7	62.1	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 16000	54.1	57.0	59.8	60.7	61.6	61.8	62.2	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 14000	57.8	60.1	62.9	64.1	65.0	65.2	65.7	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 12000	60.1	62.4	65.6	67.4	68.3	68.6	69.0	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 10000	62.9	65.6	69.3	71.2	72.7	72.9	73.3	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 9000	63.7	66.3	70.1	72.0	73.4	73.7	74.1	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 8000	66.3	69.0	73.0	75.3	76.8	77.0	77.4	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 7000	67.4	70.2	74.4	77.0	78.6	78.8	79.3	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 6000	69.1	71.9	76.2	79.0	80.8	81.1	81.8	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 5000	70.2	73.1	77.6	80.4	82.2	82.6	83.2	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4500	70.3	73.2	77.7	80.6	82.4	82.8	83.6	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4000	72.4	75.3	80.2	83.6	86.0	86.4	87.4	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 3500	72.7	75.7	80.6	83.9	86.3	86.8	87.8	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3000	75.3	78.7	83.7	87.3	90.1	90.6	91.7	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2500	75.6	78.9	83.9	87.6	90.7	91.4	92.8	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2000	75.8	79.2	84.3	88.1	91.3	92.2	93.6	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1800	75.8	79.2	84.3	88.1	91.3	92.2	93.6	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1500	76.1	79.6	84.7	88.4	91.7	92.7	94.0	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	76.2	79.8	85.1	89.4	92.8	93.8	95.1	95.4	95.4	95.7	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	76.3	79.9	85.3	89.8	93.6	94.8	96.2	96.6	96.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	76.3	79.9	85.4	89.9	93.7	94.9	96.4	96.9	96.9	97.1	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	76.3	79.9	85.6	90.0	94.0	95.2	97.1	97.6	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	76.3	79.9	85.6	90.0	94.0	95.2	97.1	97.6	97.6	97.9	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	76.3	79.9	85.7	90.2	94.7	95.9	97.9	98.3	98.3	98.9	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	76.3	79.9	85.7	90.2	94.8	96.0	98.0	98.4	98.4	99.0	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	76.3	79.9	85.7	90.2	94.8	96.1	98.1	98.6	98.6	99.1	99.4	99.4	99.8	99.8	99.8	99.8
GE 300	76.3	79.9	85.7	90.3	94.9	96.2	98.2	98.7	98.7	99.2	99.6	99.6	99.9	99.9	99.9	99.9
GE 200	76.3	79.9	85.7	90.3	94.9	96.2	98.2	98.7	98.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	76.3	79.9	85.7	90.3	94.9	96.2	98.2	98.7	98.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	76.3	79.9	85.7	90.3	94.9	96.2	98.2	98.7	98.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.0	54.3	55.6	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.9	57.9	57.9	57.9	57.9	57.9
GE 20000	59.8	50.4	62.6	63.9	64.7	64.7	64.7	64.7	64.7	64.8	65.3	65.3	65.3	65.3	65.3	65.3
GE 18000	60.7	61.3	63.6	64.9	65.7	65.7	65.7	65.7	65.7	65.8	66.3	66.3	66.3	66.3	66.3	66.3
GE 16000	60.7	61.3	63.6	64.9	65.7	65.7	65.7	65.7	65.7	65.8	66.3	66.3	66.3	66.3	66.3	66.3
GE 14000	61.7	62.3	64.7	65.0	66.8	66.8	66.8	66.9	66.9	67.0	67.6	67.6	67.6	67.6	67.6	67.6
GE 12000	66.0	66.7	69.0	70.6	71.4	71.4	71.4	71.6	71.6	71.7	72.2	72.2	72.2	72.2	72.2	72.2
GE 10000	68.2	69.2	71.6	73.4	74.3	74.3	74.3	74.4	74.4	74.6	75.1	75.1	75.1	75.1	75.1	75.1
GE 9000	68.9	69.9	72.4	74.3	75.2	75.2	75.2	75.3	75.3	75.4	76.0	76.0	76.0	76.0	76.0	76.0
GE 8000	71.8	72.9	75.4	77.6	78.4	78.4	78.4	78.6	78.6	78.7	79.2	79.2	79.2	79.2	79.2	79.2
GE 7000	72.4	73.6	76.1	78.8	79.7	79.7	79.7	79.8	79.8	79.9	80.4	80.4	80.4	80.4	80.4	80.4
GE 6000	73.9	75.1	77.9	80.6	81.7	81.7	81.7	81.8	81.8	81.9	82.4	82.4	82.4	82.4	82.4	82.4
GE 5000	76.3	78.1	81.0	83.9	85.0	85.0	85.3	85.4	85.4	85.6	86.1	86.1	86.1	86.1	86.1	86.1
GE 4500	76.7	78.4	81.3	84.2	85.4	85.4	85.9	86.0	86.0	86.1	86.7	86.7	86.7	86.7	86.7	86.7
GE 4000	78.2	80.1	83.2	86.3	87.6	87.8	88.2	88.3	88.3	88.4	89.1	89.1	89.1	89.1	89.1	89.1
GE 3500	79.3	81.2	84.4	88.1	89.3	89.6	90.0	90.1	90.1	90.2	90.9	90.9	90.9	90.9	90.9	90.9
GE 3000	80.8	82.7	86.4	90.3	91.9	92.1	92.6	92.7	92.7	92.8	93.4	93.4	93.4	93.4	93.4	93.4
GE 2500	81.0	83.0	87.1	91.3	92.9	93.1	93.6	93.7	93.7	93.8	94.4	94.4	94.4	94.4	94.4	94.4
GE 2000	81.4	83.7	87.9	92.2	93.8	94.0	94.5	94.7	94.7	94.8	95.4	95.4	95.4	95.4	95.4	95.4
GE 1800	81.6	83.8	88.0	92.3	94.0	94.2	94.8	94.9	94.9	95.0	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500	81.6	83.8	88.2	92.7	94.3	94.6	95.1	95.2	95.2	95.3	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	81.7	83.9	88.3	92.9	94.7	95.0	95.6	95.9	95.9	96.0	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	81.7	83.9	88.4	93.0	94.8	95.2	95.9	96.2	96.2	96.3	97.0	97.0	97.0	97.0	97.0	97.0
GE 900	81.7	83.9	88.4	93.0	95.0	95.6	96.3	96.7	96.7	96.8	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	81.7	84.1	88.7	93.2	95.2	95.8	96.6	96.9	96.9	97.0	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	81.7	84.2	88.8	93.3	95.4	96.0	96.8	97.1	97.1	97.3	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	81.8	84.3	89.0	93.6	96.1	96.7	97.4	97.8	97.8	98.1	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	81.8	84.3	89.0	93.8	96.4	97.0	97.8	98.1	98.1	98.4	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	81.8	84.3	89.0	93.8	96.4	97.0	97.9	98.2	98.2	98.6	99.2	99.2	99.6	99.6	99.6	99.6
GE 300	81.8	84.3	89.0	93.8	96.7	97.2	98.2	98.6	98.6	99.0	99.7	99.7	100.0	100.0	100.0	100.0
GE 200	81.8	84.3	89.0	93.8	96.7	97.2	98.2	98.6	98.6	99.0	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	81.8	84.3	89.0	93.8	96.7	97.2	98.2	98.6	98.6	99.0	99.7	99.7	100.0	100.0	100.0	100.0
GE 600	81.8	84.3	89.0	93.8	96.7	97.2	98.2	98.6	98.6	99.0	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.3	57.8	59.0	60.3	61.1	61.2	61.3	61.4	61.4	61.4	61.7	61.7	61.7	61.8	61.8	61.9
GE 20000	62.6	63.0	64.3	65.8	66.8	66.9	67.0	67.1	67.1	67.1	67.3	67.3	67.3	67.4	67.4	67.6
GE 18000	62.7	63.1	64.6	66.0	67.0	67.1	67.2	67.3	67.3	67.3	67.6	67.6	67.6	67.7	67.7	67.8
GE 16000	62.9	63.3	64.8	66.2	67.2	67.3	67.4	67.6	67.6	67.6	67.8	67.8	67.8	67.9	67.9	68.0
GE 14000	64.1	64.6	66.0	67.4	68.4	68.6	68.7	68.8	68.8	68.8	69.0	69.0	69.0	69.1	69.1	69.2
GE 12000	67.1	67.6	69.1	70.6	71.6	71.7	71.8	71.9	71.9	71.9	72.1	72.1	72.1	72.2	72.2	72.3
GE 10000	69.4	69.9	71.9	73.4	74.4	74.6	74.7	74.8	74.8	74.8	75.0	75.0	75.0	75.1	75.1	75.2
GE 9000	69.8	70.2	72.6	74.1	75.1	75.2	75.3	75.4	75.4	75.4	75.7	75.7	75.7	75.8	75.8	75.9
GE 8000	72.3	73.1	75.7	77.2	78.2	78.3	78.4	78.6	78.6	78.6	78.8	78.8	78.8	78.9	78.9	79.0
GE 7000	72.6	73.4	76.4	78.6	79.6	79.7	79.8	79.9	79.9	79.9	80.1	80.1	80.1	80.2	80.2	80.3
GE 6000	74.6	75.4	78.6	80.7	81.7	81.8	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.3	82.3	82.4
GE 5000	77.1	78.3	81.4	83.6	84.6	84.7	84.8	84.9	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.3
GE 4500	77.3	78.6	81.7	83.8	84.8	84.9	85.0	85.1	85.1	85.1	85.3	85.3	85.3	85.4	85.4	85.6
GE 4000	80.6	81.8	85.0	87.3	88.3	88.4	88.6	88.7	88.7	88.7	88.9	88.9	88.9	89.0	89.0	89.1
GE 3500	80.9	82.1	85.4	87.8	88.9	89.0	89.1	89.2	89.2	89.2	89.4	89.4	89.4	89.6	89.6	89.7
GE 3000	82.9	84.2	87.7	90.4	91.7	91.8	91.9	92.0	92.0	92.0	92.2	92.2	92.2	92.3	92.3	92.4
GE 2500	83.4	84.8	88.3	91.2	92.9	93.0	93.2	93.3	93.3	93.3	93.6	93.6	93.6	93.7	93.7	93.8
GE 2000	83.6	85.0	88.8	92.2	94.0	94.1	94.3	94.4	94.4	94.4	94.7	94.7	94.7	94.8	94.8	94.9
GE 1800	83.6	85.0	88.8	92.2	94.0	94.1	94.3	94.4	94.4	94.4	94.7	94.7	94.7	94.8	94.8	94.9
GE 1500	83.7	85.1	88.9	92.6	94.6	94.7	94.9	95.0	95.0	95.0	95.2	95.2	95.2	95.3	95.3	95.4
GE 1200	84.0	85.4	89.2	92.9	94.9	95.0	95.2	95.3	95.3	95.4	95.7	95.7	95.7	95.8	95.8	95.9
GE 1000	84.1	85.6	89.6	93.2	95.3	95.4	95.7	95.8	95.8	95.9	96.1	96.1	96.1	96.2	96.2	96.3
GE 900	84.1	85.6	89.6	93.2	95.3	95.4	95.7	95.8	95.8	95.9	96.1	96.1	96.1	96.2	96.2	96.3
GE 800	84.2	85.7	89.7	93.3	95.7	95.8	96.0	96.1	96.1	96.2	96.4	96.4	96.4	96.6	96.6	96.7
GE 700	84.2	85.7	89.7	93.4	95.9	96.0	96.2	96.4	96.4	96.6	96.8	96.8	96.8	96.9	96.9	97.0
GE 600	84.2	85.7	89.7	93.4	96.1	96.2	96.4	96.8	96.8	96.9	97.1	97.1	97.1	97.2	97.2	97.3
GE 500	84.3	85.8	89.8	93.6	96.3	96.4	96.7	97.0	97.0	97.1	97.3	97.3	97.3	97.4	97.4	97.6
GE 400	84.6	86.0	90.1	93.9	97.1	97.2	97.7	98.0	98.0	98.2	98.4	98.4	98.6	98.7	98.7	98.8
GE 300	84.6	86.0	90.1	93.9	97.2	97.3	98.0	98.3	98.3	99.0	99.3	99.3	99.4	99.6	99.6	99.7
GE 200	84.6	86.0	90.1	93.9	97.2	97.3	98.0	98.3	98.3	99.1	99.4	99.4	99.7	99.8	99.8	99.9
GE 100	84.6	86.0	90.1	93.9	97.2	97.3	98.0	98.3	98.3	99.1	99.4	99.4	99.7	99.8	99.8	99.9
GE 000	84.6	86.0	90.1	93.9	97.2	97.3	98.0	98.3	98.3	99.1	99.4	99.4	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.3	53.3	54.5	55.2	55.8	55.9	56.0	56.1	56.1	56.2	56.3	56.3	56.4	56.4	56.5	56.6
GE 20000	58.3	59.5	61.2	62.1	62.9	63.0	63.2	63.2	63.2	63.4	63.5	63.5	63.6	63.7	63.7	63.9
GE 18000	59.9	60.1	61.8	62.7	63.5	63.7	63.8	63.9	63.9	64.1	64.2	64.2	64.3	64.3	64.4	64.5
GE 16000	59.1	60.3	62.0	62.9	63.7	63.8	64.0	64.0	64.0	64.2	64.3	64.3	64.4	64.5	64.5	64.7
GE 14000	60.7	61.9	63.7	64.7	65.6	65.7	65.9	66.0	66.0	66.1	66.3	66.3	66.4	66.4	66.5	66.6
GE 12000	63.2	64.5	66.4	67.6	68.6	68.7	68.9	69.0	69.0	69.1	69.3	69.3	69.4	69.4	69.5	69.6
GE 10000	65.6	67.0	69.1	70.4	71.6	71.7	71.9	72.0	72.0	72.2	72.3	72.3	72.4	72.4	72.5	72.7
GE 9000	65.9	67.3	69.5	70.8	72.0	72.2	72.3	72.4	72.4	72.6	72.7	72.7	72.9	72.9	73.0	73.1
GE 8000	68.7	70.2	72.6	74.1	75.4	75.5	75.8	75.8	75.8	76.0	76.1	76.1	76.3	76.3	76.4	76.5
GE 7000	69.3	70.8	73.3	75.1	76.4	76.6	76.8	76.9	76.9	77.1	77.2	77.2	77.3	77.4	77.5	77.6
GE 6000	71.2	72.8	75.3	77.1	78.7	78.8	79.1	79.2	79.2	79.4	79.5	79.5	79.6	79.7	79.7	79.9
GE 5000	73.1	74.9	77.6	79.5	81.1	81.3	81.7	81.8	81.8	82.0	82.1	82.1	82.2	82.3	82.4	82.5
GE 4500	73.3	75.1	77.9	79.8	81.5	81.7	82.1	82.2	82.2	82.4	82.5	82.5	82.6	82.7	82.8	82.9
GE 4000	75.3	77.2	80.2	82.4	84.4	84.7	85.1	85.2	85.2	85.4	85.5	85.5	85.7	85.7	85.8	85.9
GE 3500	75.7	77.6	80.8	83.1	85.2	85.4	85.9	86.0	86.0	86.2	86.3	86.3	86.4	86.5	86.6	86.7
GE 3000	77.5	79.5	82.9	85.5	87.9	88.2	88.7	88.8	88.8	89.0	89.1	89.1	89.3	89.3	89.4	89.5
GE 2500	78.0	80.0	83.6	86.2	88.8	89.3	89.8	90.0	90.0	90.2	90.3	90.3	90.4	90.5	90.6	90.7
GE 2000	78.6	80.8	84.6	87.4	90.3	90.8	91.5	91.7	91.7	91.9	92.0	92.0	92.2	92.2	92.3	92.5
GE 1800	78.7	80.8	84.6	87.5	90.4	90.9	91.7	91.8	91.8	92.0	92.2	92.2	92.3	92.3	92.4	92.6
GE 1500	78.9	81.1	85.0	88.0	91.0	91.5	92.3	92.5	92.5	92.7	92.8	92.8	93.0	93.0	93.1	93.2
GE 1200	79.1	81.3	85.3	88.7	91.8	92.4	93.2	93.5	93.5	93.7	93.9	93.9	94.1	94.1	94.2	94.3
GE 1000	79.3	81.6	85.8	89.2	92.6	93.2	94.1	94.4	94.4	94.6	94.8	94.8	95.0	95.0	95.1	95.3
GE 900	79.3	81.7	85.9	89.4	92.8	93.5	94.5	94.8	94.9	95.1	95.3	95.3	95.4	95.5	95.6	95.7
GE 800	79.4	81.7	86.1	89.5	93.1	93.8	94.9	95.2	95.3	95.5	95.7	95.7	95.9	95.9	96.0	96.2
GE 700	79.4	81.8	86.1	89.6	93.4	94.1	95.3	95.7	95.7	96.0	96.2	96.2	96.4	96.4	96.6	96.7
GE 600	79.4	81.8	86.1	89.7	93.7	94.4	95.7	96.2	96.3	96.6	96.8	96.8	97.0	97.1	97.2	97.3
GE 500	79.4	81.8	86.2	89.8	93.9	94.7	96.0	96.5	96.5	96.9	97.1	97.2	97.4	97.4	97.6	97.7
GE 400	79.5	81.8	86.3	89.9	94.2	95.0	96.5	97.0	97.2	97.6	97.8	97.9	98.3	98.3	98.5	98.6
GE 300	79.5	81.8	86.3	90.0	94.4	95.3	96.9	97.5	97.7	98.2	98.5	98.6	99.0	99.0	99.2	99.5
GE 200	79.5	81.8	86.3	90.0	94.4	95.3	96.9	97.6	97.8	98.4	98.7	98.8	99.2	99.3	99.5	99.8
GE 100	79.5	81.8	86.3	90.0	94.4	95.3	96.9	97.6	97.8	98.4	98.8	98.8	99.3	99.3	99.5	100.0
GE 000	79.5	81.8	86.3	90.0	94.4	95.3	96.9	97.6	97.8	98.4	98.8	98.8	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALL AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.2	39.9	42.7	43.8	44.8	45.2	45.5	46.0	46.0	46.0	46.0	46.0	46.2	46.2	46.5	46.9
GE 20000	42.2	43.9	47.2	48.3	49.4	49.7	50.0	50.5	50.5	50.5	50.5	50.5	50.8	50.8	51.0	51.4
GE 18000	42.2	43.9	47.2	48.3	49.4	49.7	50.0	50.5	50.5	50.5	50.5	50.5	50.8	50.8	51.0	51.4
GE 16000	42.2	43.9	47.2	48.3	49.4	49.7	50.0	50.5	50.5	50.5	50.5	50.5	50.8	50.8	51.0	51.4
GE 14000	43.1	44.8	48.2	49.2	50.3	50.6	51.0	51.5	51.5	51.5	51.5	51.5	51.7	51.7	51.9	52.4
GE 12000	43.8	45.5	48.8	49.9	51.0	51.3	51.6	52.2	52.2	52.2	52.2	52.2	52.4	52.4	52.6	53.0
GE 10000	44.9	47.1	50.8	52.2	53.4	53.8	54.1	54.6	54.7	54.7	54.8	54.8	55.1	55.1	55.3	55.7
GE 9000	45.4	47.5	51.2	52.6	53.9	54.2	54.5	55.1	55.2	55.2	55.3	55.3	55.5	55.5	55.7	56.1
GE 8000	47.0	49.1	52.8	54.2	55.5	55.8	56.1	56.7	56.8	56.8	56.9	56.9	57.1	57.1	57.3	57.7
GE 7000	48.1	50.3	54.3	55.7	57.0	57.3	57.6	58.2	58.3	58.3	58.4	58.4	58.6	58.6	58.8	59.2
GE 6000	49.1	51.4	55.4	56.9	58.3	58.6	58.9	59.5	59.6	59.6	59.7	59.7	59.9	59.9	60.1	60.5
GE 5000	50.8	53.0	57.0	58.6	60.0	60.3	60.6	61.2	61.3	61.3	61.4	61.4	61.6	61.6	61.8	62.3
GE 4500	51.6	53.9	58.2	59.8	61.2	61.5	61.8	62.4	62.5	62.5	62.6	62.6	62.8	62.8	63.0	63.4
GE 4000	53.0	55.4	59.8	61.5	62.9	63.2	63.5	64.1	64.2	64.2	64.3	64.3	64.5	64.5	64.7	65.2
GE 3500	53.4	56.0	60.6	62.6	64.0	64.3	64.6	65.2	65.3	65.3	65.4	65.4	65.6	65.6	65.8	66.2
GE 3000	55.4	58.1	62.9	64.9	66.8	67.3	67.6	68.2	68.3	68.3	68.4	68.4	68.6	68.8	69.0	69.5
GE 2500	56.2	59.0	64.3	66.5	68.4	68.9	69.2	69.8	69.9	69.9	70.0	70.0	70.2	70.4	70.6	71.1
GE 2000	57.6	60.4	66.1	68.6	71.2	71.7	72.2	72.7	72.8	72.8	72.9	72.9	73.1	73.3	73.5	74.0
GE 1800	57.6	60.4	66.1	68.6	71.2	71.7	72.2	72.7	72.8	72.8	72.9	72.9	73.1	73.3	73.5	74.0
GE 1500	57.7	60.6	66.6	69.0	72.0	72.7	73.1	73.8	73.9	73.9	74.0	74.0	74.2	74.4	74.6	75.1
GE 1200	58.5	61.5	67.4	70.0	73.3	74.0	74.6	75.3	75.4	75.4	75.5	75.5	75.7	75.9	76.1	76.6
GE 1000	58.6	61.9	68.0	70.6	74.0	74.6	75.3	76.2	76.3	76.3	76.5	76.5	76.7	76.9	77.1	77.5
GE 900	58.9	62.5	68.6	71.5	75.2	75.8	76.6	77.5	77.6	77.6	77.7	77.7	78.0	78.2	78.4	78.8
GE 800	58.9	62.6	68.8	71.7	75.9	76.6	77.3	78.3	78.4	78.4	78.5	78.5	78.7	78.9	79.1	79.6
GE 700	58.9	62.7	68.9	72.3	76.9	77.5	78.5	79.5	79.6	79.6	79.7	79.7	79.9	80.1	80.4	80.9
GE 600	58.9	62.7	68.9	72.3	77.1	77.7	78.9	80.0	80.1	80.1	80.2	80.2	80.4	80.6	81.0	81.4
GE 500	58.9	62.7	68.9	72.3	77.1	77.7	79.2	80.5	80.6	80.8	80.9	80.9	81.1	81.3	81.6	82.3
GE 400	59.1	62.9	69.1	72.5	78.0	78.6	80.4	81.9	81.9	82.3	82.6	82.6	82.9	83.1	83.4	84.4
GE 300	59.1	62.9	69.1	72.5	78.2	78.8	81.0	82.8	82.9	83.2	83.5	83.5	84.3	84.5	85.3	86.6
GE 200	59.1	62.9	69.1	72.5	78.2	78.8	81.1	83.0	83.2	83.8	84.3	84.5	84.4	85.7	87.7	91.2
GE 100	59.1	62.9	69.1	72.5	78.2	78.8	81.1	83.0	83.2	83.8	84.3	84.5	85.5	85.9	88.3	96.0
GE 000	59.1	62.9	69.1	72.5	78.2	78.8	81.1	83.0	83.2	83.8	84.3	84.5	85.5	85.9	88.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.1	36.1	39.8	41.3	41.6	41.7	42.2	42.9	42.9	43.0	43.0	43.0	43.2	43.2	43.2	44.0
GE 20000	38.1	39.5	43.7	45.2	45.5	45.6	46.0	46.8	46.8	46.9	46.9	46.9	47.1	47.1	47.1	47.8
GE 18000	38.2	39.6	43.8	45.3	45.6	45.7	46.1	46.9	46.9	47.0	47.0	47.0	47.2	47.2	47.2	48.0
GE 16000	38.2	39.6	43.8	45.3	45.6	45.7	46.1	46.9	46.9	47.0	47.0	47.0	47.2	47.2	47.2	48.0
GE 14000	39.5	40.9	45.1	46.6	46.9	47.0	47.5	48.3	48.3	48.4	48.4	48.4	48.6	48.6	48.6	49.4
GE 12000	40.3	41.7	46.1	47.6	48.0	48.1	48.6	49.4	49.4	49.6	49.6	49.6	49.8	50.0	50.0	50.8
GE 10000	41.9	43.5	48.0	49.9	50.5	50.6	51.2	51.9	51.9	52.3	52.3	52.3	52.5	52.8	52.6	53.5
GE 9000	42.2	43.8	48.3	50.2	50.9	51.0	51.5	52.3	52.3	52.6	52.6	52.6	52.8	53.1	53.1	53.9
GE 8000	44.4	46.0	50.8	53.0	53.7	53.8	54.3	55.1	55.1	55.4	55.4	55.4	55.6	55.9	55.9	56.8
GE 7000	46.3	48.0	52.7	54.9	55.6	55.7	56.2	57.0	57.0	57.3	57.3	57.3	57.5	57.8	57.8	58.7
GE 6000	47.6	49.2	54.3	56.6	57.2	57.3	57.8	58.6	58.6	58.9	58.9	58.9	59.1	59.5	59.5	60.3
GE 5000	49.9	51.7	57.0	59.2	59.9	60.0	60.5	61.3	61.3	61.6	61.6	61.6	61.8	62.2	62.2	63.0
GE 4500	50.8	52.6	58.2	60.4	61.1	61.2	61.7	62.5	62.5	62.8	62.8	62.8	63.0	63.3	63.3	64.2
GE 4000	51.9	53.8	59.8	62.2	62.8	62.9	63.4	64.3	64.3	64.6	64.6	64.6	64.8	65.2	65.2	66.0
GE 3500	52.0	53.9	60.0	62.6	63.2	63.3	63.9	64.7	64.7	65.1	65.1	65.1	65.3	65.6	65.6	66.5
GE 3000	52.9	54.8	61.2	64.5	65.4	65.6	66.1	67.0	67.0	67.3	67.4	67.4	67.6	68.0	68.0	68.8
GE 2500	53.3	55.3	61.9	65.3	66.3	66.6	67.1	68.0	68.0	68.3	68.4	68.4	68.6	68.9	68.9	69.8
GE 2000	55.1	57.0	63.9	67.6	69.1	69.4	70.1	71.0	71.0	71.3	71.4	71.4	71.6	71.9	71.9	72.8
GE 1800	55.3	57.2	64.1	67.8	69.5	69.7	70.5	71.4	71.4	71.7	71.8	71.8	72.0	72.4	72.4	73.2
GE 1500	55.5	57.4	64.3	68.1	70.1	70.3	71.2	72.0	72.0	72.4	72.6	72.6	72.8	73.1	73.1	74.0
GE 1200	56.1	58.4	65.3	69.0	71.5	71.8	73.0	73.9	73.9	74.2	74.4	74.4	74.6	74.9	74.9	75.8
GE 1000	56.5	59.1	66.1	70.0	72.6	72.9	74.1	75.1	75.1	75.4	75.6	75.6	75.8	76.1	76.1	77.1
GE 900	57.0	59.8	67.1	71.0	73.8	74.1	75.3	76.3	76.3	76.7	76.9	76.9	77.1	77.4	77.4	78.5
GE 800	57.0	59.8	67.1	71.1	74.0	74.3	75.5	76.6	76.6	77.1	77.3	77.3	77.5	77.8	77.8	78.9
GE 700	57.0	59.8	67.1	71.1	74.0	74.3	75.6	76.7	76.7	77.2	77.5	77.5	77.8	78.2	78.2	79.5
GE 600	57.1	59.9	67.2	71.2	74.3	74.7	76.2	77.3	77.3	77.8	78.3	78.3	78.6	78.9	78.9	80.3
GE 500	57.1	59.9	67.2	71.2	74.3	74.7	76.7	78.0	78.0	78.5	79.0	79.0	79.5	79.8	79.9	81.4
GE 400	57.1	59.9	67.3	71.3	74.8	75.3	77.5	78.8	78.9	79.7	80.2	80.4	80.9	81.2	81.4	83.4
GE 300	57.1	59.9	67.4	71.5	75.1	75.5	77.8	79.1	79.4	80.4	81.0	81.2	82.5	82.9	84.1	86.3
GE 200	57.1	59.9	67.5	71.6	75.2	75.6	78.1	79.5	80.0	81.1	81.6	81.8	83.1	83.5	86.1	90.5
GE 100	57.1	59.9	67.5	71.6	75.2	75.6	78.1	79.5	80.0	81.2	81.7	81.9	83.2	84.0	87.2	95.6
GE 000	57.1	59.9	67.5	71.6	75.2	75.6	78.1	79.5	80.0	81.3	81.8	82.0	83.3	84.1	87.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0	
NO CEIL	32.5	33.3	34.8	36.1	37.3	37.4	38.0	38.3	38.3	38.4	38.5	38.5	38.8	38.9	39.4	39.9	
GE 20000	34.9	36.0	38.0	39.4	40.5	40.6	41.2	41.5	41.5	41.6	41.7	41.7	42.0	42.2	42.6	43.1	
GE 18000	35.1	36.1	38.1	39.5	40.6	40.8	41.3	41.6	41.6	41.7	41.8	41.8	42.2	42.3	42.7	43.2	
GE 16000	35.2	36.2	38.2	39.6	40.8	40.9	41.4	41.7	41.7	41.8	41.9	41.9	42.3	42.4	42.8	43.3	
GE 14000	36.6	37.7	39.8	41.2	42.4	42.5	43.0	43.3	43.3	43.4	43.5	43.5	43.9	44.0	44.5	45.1	
GE 12000	37.8	39.0	41.4	42.9	44.1	44.2	44.8	45.4	45.4	45.6	45.7	45.7	46.0	46.1	46.8	47.3	
GE 10000	39.5	40.8	43.3	45.1	46.8	46.9	47.5	48.2	48.3	48.5	48.6	48.6	48.9	49.0	49.7	50.2	
GE 9000	39.5	40.8	43.3	45.1	46.8	46.9	47.5	48.2	48.3	48.5	48.6	48.6	48.9	49.0	49.7	50.2	
GE 8000	41.5	42.9	45.5	47.2	49.0	49.1	49.8	50.4	50.5	50.8	50.9	50.9	51.2	51.3	51.9	52.5	
GE 7000	43.9	45.4	48.0	49.7	51.5	51.6	52.3	52.9	53.0	53.2	53.3	53.3	53.7	53.8	54.4	54.9	
GE 6000	44.8	46.3	49.1	51.0	52.9	53.0	53.7	54.3	54.4	54.6	54.7	54.7	55.1	55.2	55.8	56.3	
GE 5000	46.8	48.4	51.2	53.4	55.6	55.7	56.3	57.0	57.1	57.3	57.4	57.4	57.7	57.8	58.5	59.0	
GE 4500	46.8	48.4	51.4	53.8	55.9	56.0	56.7	57.3	57.4	57.6	57.7	57.7	58.1	58.2	58.8	59.4	
GE 4000	49.0	50.8	54.0	56.6	59.0	59.1	59.8	60.5	60.6	60.9	61.0	61.0	61.5	61.6	62.3	62.9	
GE 3500	49.4	51.1	54.6	57.3	60.1	60.2	61.0	61.7	61.8	62.0	62.2	62.2	62.7	62.8	63.4	64.1	
GE 3000	51.2	53.1	57.0	60.1	63.2	63.3	64.1	64.8	64.9	65.2	65.3	65.3	65.8	65.9	66.6	67.2	
GE 2500	52.6	54.6	58.6	61.9	65.3	65.6	66.3	67.1	67.2	67.4	67.5	67.5	68.1	68.2	68.8	69.5	
GE 2000	53.7	55.9	60.0	63.5	67.1	67.6	68.5	69.4	69.5	69.7	69.8	69.8	70.3	70.4	71.1	71.7	
GE 1800	53.7	55.9	60.0	63.5	67.1	67.6	68.5	69.4	69.5	69.7	69.8	69.8	70.3	70.4	71.1	71.7	
GE 1500	53.9	56.1	60.2	64.0	67.8	68.5	69.5	70.5	70.6	71.1	71.3	71.3	71.8	71.9	72.6	73.2	
GE 1200	54.0	56.5	60.5	64.3	68.5	69.2	70.2	71.3	71.4	71.8	72.0	72.0	72.6	72.7	73.3	74.0	
GE 1000	54.5	57.1	61.4	65.4	69.6	70.3	71.4	72.5	72.6	73.1	73.3	73.3	73.9	74.0	74.6	75.3	
GE 900	54.7	57.4	61.9	65.9	70.4	71.2	72.3	73.3	73.4	74.0	74.2	74.2	74.7	74.8	75.5	76.1	
GE 800	54.8	57.7	62.6	66.6	71.2	71.9	73.0	74.2	74.3	74.9	75.2	75.2	75.7	75.8	76.5	77.1	
GE 700	54.9	57.8	62.7	66.8	71.5	72.3	73.7	74.9	75.1	75.7	76.0	76.0	76.6	76.7	77.3	78.0	
GE 600	55.2	58.1	62.9	67.0	72.3	73.0	74.4	75.7	75.9	76.6	76.9	76.9	77.4	77.5	78.4	79.0	
GE 500	55.2	58.2	63.0	67.1	72.7	73.4	75.3	76.7	76.9	77.7	78.3	78.3	79.0	79.1	80.0	80.6	
GE 400	55.2	58.2	63.0	67.1	72.9	73.7	75.6	77.2	77.4	78.4	79.1	79.1	79.9	80.1	81.1	82.5	
GE 300	55.2	58.2	63.0	67.1	73.3	74.1	76.3	78.6	79.1	80.3	81.3	81.4	82.7	82.9	84.5	87.0	
GE 200	55.2	58.2	63.0	67.1	73.3	74.1	76.5	78.8	79.4	80.6	81.7	82.0	84.3	84.7	87.0	92.4	
GE 100	55.2	58.2	63.0	67.1	73.3	74.1	76.5	78.8	79.4	80.6	81.7	82.0	84.3	84.8	87.8	97.0	
GE 000	55.2	58.2	63.0	67.1	73.3	74.1	76.5	78.8	79.4	80.6	81.7	82.0	84.3	84.8	87.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.5	33.7	34.6	35.6	37.8	37.8	38.0	38.2	38.3	38.5	38.8	38.8	39.0	39.0	39.6	40.0
GE 20000	35.6	37.0	38.2	39.6	42.4	42.4	42.5	42.8	42.9	43.1	43.4	43.4	43.8	43.8	44.3	44.8
GE 18000	35.9	37.3	38.5	39.9	42.7	42.7	42.8	43.1	43.2	43.4	43.8	43.8	44.1	44.1	44.6	45.2
GE 16000	36.1	37.5	38.7	40.1	42.9	42.9	43.0	43.3	43.4	43.7	44.0	44.0	44.3	44.3	44.8	45.4
GE 14000	36.8	38.4	39.6	41.0	43.8	43.8	43.9	44.2	44.3	44.5	44.8	44.8	45.2	45.2	45.7	46.2
GE 12000	38.3	40.0	41.4	42.9	45.9	45.9	46.0	46.3	46.5	46.7	47.0	47.0	47.6	47.6	48.2	48.7
GE 10000	40.3	42.0	43.5	45.5	48.8	48.8	49.2	49.6	49.7	49.9	50.2	50.2	50.9	50.9	51.4	51.9
GE 9000	40.4	42.2	43.7	45.6	48.9	48.9	49.4	49.7	49.8	50.0	50.3	50.3	51.0	51.0	51.5	52.0
GE 8000	41.8	43.5	45.3	47.3	51.1	51.1	51.5	51.8	51.9	52.2	52.5	52.5	53.1	53.1	53.7	54.2
GE 7000	43.0	44.7	46.5	48.5	52.3	52.3	52.7	53.0	53.1	53.3	53.7	53.7	54.3	54.3	54.8	55.4
GE 6000	44.1	45.8	47.5	49.8	54.2	54.3	54.7	55.1	55.2	55.4	55.7	55.7	56.3	56.3	56.9	57.4
GE 5000	45.7	47.4	49.2	51.6	56.0	56.1	56.6	56.9	57.0	57.2	57.5	57.5	58.2	58.2	58.7	59.2
GE 4500	45.9	47.8	49.7	52.2	56.8	56.9	57.4	57.7	57.8	58.1	58.4	58.4	59.0	59.0	59.6	60.1
GE 4000	47.6	49.9	52.3	54.9	60.2	60.4	61.3	61.6	61.7	61.9	62.3	62.3	62.9	62.9	63.4	64.0
GE 3500	48.2	50.4	52.8	55.7	61.3	61.5	62.5	62.8	62.9	63.1	63.4	63.4	64.1	64.1	64.6	65.2
GE 3000	49.2	51.5	54.1	57.1	63.5	63.8	64.8	65.3	65.4	65.6	65.9	65.9	66.6	66.6	67.1	67.6
GE 2500	49.9	52.2	54.8	58.0	65.2	65.6	66.7	67.2	67.3	67.5	67.8	67.8	68.5	68.5	69.0	69.6
GE 2000	50.5	52.9	55.7	58.9	66.9	67.4	68.7	69.5	69.6	69.8	70.1	70.1	70.8	70.8	71.3	71.8
GE 1800	50.5	52.9	55.7	58.9	67.0	67.5	68.9	69.7	69.8	70.0	70.3	70.3	71.0	71.0	71.5	72.0
GE 1500	51.0	53.3	56.2	59.9	68.4	69.0	70.5	71.3	71.4	71.6	72.0	72.2	72.8	72.8	73.3	73.9
GE 1200	51.3	53.7	56.7	60.5	69.1	69.8	71.3	72.0	72.2	72.4	72.8	72.9	73.7	73.7	74.2	74.7
GE 1000	52.0	54.6	58.0	62.2	71.1	71.7	73.7	74.4	74.5	74.7	75.2	75.3	76.0	76.0	76.6	77.1
GE 900	52.5	55.1	58.5	62.8	72.2	72.9	75.1	75.8	75.9	76.1	76.6	76.7	77.4	77.4	78.0	78.5
GE 800	52.6	55.2	58.6	63.1	72.5	73.2	75.4	76.2	76.3	76.6	77.0	77.1	77.8	77.8	78.4	78.9
GE 700	52.7	55.3	58.8	63.3	73.0	73.8	76.1	77.1	77.2	77.4	77.8	78.0	78.7	78.7	79.2	79.8
GE 600	52.7	55.3	58.8	63.5	73.4	74.2	76.7	77.6	77.7	78.1	78.5	78.6	79.4	79.4	79.9	80.4
GE 500	52.8	55.5	59.1	63.9	74.5	75.3	78.3	79.6	79.8	80.4	81.0	81.1	81.8	81.8	82.6	83.5
GE 400	53.0	55.8	59.6	64.8	75.9	76.8	79.8	81.2	81.4	82.6	83.4	83.5	84.3	84.3	85.1	86.0
GE 300	53.0	55.8	59.6	64.8	75.9	76.8	80.3	81.8	82.2	83.9	85.1	85.2	86.3	86.3	87.3	88.9
GE 200	53.0	55.8	59.6	64.8	75.9	76.8	80.3	81.9	82.3	84.1	85.8	85.9	88.1	88.3	90.8	94.3
GE 100	53.0	55.8	59.6	64.8	75.9	76.8	80.3	81.9	82.3	84.1	85.8	85.9	88.3	88.6	91.8	98.4
GE 000	53.0	55.8	59.6	64.8	75.9	76.8	80.3	81.9	82.3	84.1	85.8	85.9	88.3	88.6	91.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION: "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.0	35.8	37.4	40.1	41.8	42.2	42.3	42.7	42.8	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 20000	38.2	40.0	41.9	44.9	47.0	47.4	47.5	48.0	48.1	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 18000	38.4	40.2	42.3	45.3	47.3	47.7	47.8	48.3	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 16000	38.4	40.2	42.3	45.3	47.3	47.7	47.8	48.3	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 14000	39.1	41.0	43.1	46.2	48.4	48.8	48.9	49.4	49.5	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 12000	40.2	42.0	44.4	47.6	49.9	50.3	50.4	50.9	51.0	51.6	51.6	51.6	51.9	51.9	51.9	51.9
GE 10000	42.8	44.6	47.4	51.0	53.9	54.3	54.4	54.9	55.1	55.7	55.7	55.7	56.0	56.0	56.0	56.0
GE 9000	42.8	44.6	47.4	51.1	54.1	54.5	54.6	55.2	55.3	55.9	55.9	55.9	56.2	56.2	56.2	56.2
GE 8000	45.3	47.1	50.1	53.8	56.9	57.3	57.4	58.0	58.1	58.7	58.7	58.7	59.0	59.0	59.0	59.0
GE 7000	45.6	47.4	50.4	54.1	57.2	57.6	57.8	58.4	58.5	59.1	59.1	59.1	59.5	59.5	59.5	59.5
GE 6000	47.1	49.0	52.0	55.8	59.2	59.7	59.9	60.4	60.5	61.2	61.2	61.2	61.5	61.5	61.5	61.5
GE 5000	48.4	50.3	53.5	57.4	60.9	61.5	61.7	62.3	62.4	63.0	63.0	63.0	63.3	63.3	63.3	63.3
GE 4500	49.0	51.3	54.6	58.7	62.4	63.0	63.2	63.8	63.9	64.5	64.5	64.5	64.8	64.8	64.8	64.8
GE 4000	51.6	54.0	58.2	62.5	66.5	67.1	67.3	68.0	68.1	68.8	68.8	68.8	69.1	69.1	69.1	69.1
GE 3500	52.6	54.9	59.2	63.5	67.6	68.3	68.5	69.1	69.2	70.0	70.0	70.0	70.3	70.3	70.3	70.3
GE 3000	54.1	56.7	61.0	65.8	70.4	71.2	71.6	72.5	72.6	73.3	73.3	73.3	73.7	73.7	73.7	73.7
GE 2500	54.5	57.1	61.4	66.5	71.8	72.6	73.0	73.9	74.0	74.7	74.7	74.7	75.1	75.1	75.1	75.1
GE 2000	55.1	57.6	62.0	67.3	73.3	74.2	75.2	76.0	76.2	77.1	77.1	77.1	77.4	77.4	77.4	77.4
GE 1800	55.2	57.8	62.3	67.5	73.7	74.5	75.5	76.3	76.6	77.4	77.4	77.4	77.7	77.7	77.7	77.7
GE 1500	55.4	58.2	62.7	68.2	74.8	75.9	77.0	77.8	78.1	78.9	78.9	78.9	79.2	79.2	79.2	79.2
GE 1200	56.6	59.5	64.1	69.8	76.9	78.1	79.1	80.0	80.2	81.1	81.1	81.1	81.4	81.4	81.4	81.4
GE 1000	57.2	60.1	64.8	70.9	78.9	80.4	81.7	82.7	83.0	84.0	84.0	84.0	84.3	84.3	84.3	84.3
GE 900	57.2	60.1	64.9	71.1	79.6	81.1	82.6	83.5	83.9	84.8	84.8	84.8	85.2	85.2	85.2	85.2
GE 800	57.2	60.1	64.9	71.5	80.5	82.0	83.5	84.5	84.8	85.9	85.9	85.9	86.2	86.2	86.2	86.2
GE 700	57.2	60.1	64.9	71.5	80.9	82.4	83.9	84.8	85.2	86.3	86.3	86.3	86.7	86.7	86.7	86.7
GE 600	57.5	60.4	65.3	71.8	81.4	82.9	84.5	85.6	85.9	87.1	87.1	87.1	87.5	87.5	87.5	87.5
GE 500	57.7	60.6	65.6	72.2	82.3	83.8	85.8	87.0	87.4	88.6	88.6	88.6	89.0	89.0	89.0	89.0
GE 400	57.8	60.8	65.7	72.4	83.3	84.8	86.9	88.1	88.6	90.1	90.2	90.2	90.6	90.6	90.6	90.6
GE 300	57.8	60.8	65.7	72.4	83.3	84.8	87.4	88.6	89.1	91.0	91.3	91.4	92.6	92.9	92.9	93.1
GE 200	57.8	60.8	65.7	72.4	83.3	84.8	87.4	88.6	89.1	91.1	92.4	92.6	95.1	95.8	97.4	98.2
GE 100	57.8	60.8	65.7	72.4	83.3	84.8	87.4	88.6	89.1	91.1	92.4	92.6	95.2	96.0	98.4	100.0
GE 000	57.8	60.8	65.7	72.4	83.3	84.8	87.4	88.6	89.1	91.1	92.4	92.6	95.2	96.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: DEC HOURS: 15-17

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.3	36.0	39.6	42.7	44.7	45.6	45.7	45.8	46.0	46.3	46.5	46.5	46.6	46.7	46.7	46.8
GE 20000	37.0	39.0	42.9	46.3	48.5	49.4	49.5	49.6	49.8	50.1	50.2	50.2	50.3	50.4	50.4	50.5
GE 18000	37.1	39.1	43.1	46.8	48.9	49.8	49.9	50.0	50.2	50.5	50.6	50.6	50.8	50.9	50.9	51.0
GE 16000	37.2	39.2	43.2	46.9	49.0	49.9	50.0	50.1	50.3	50.6	50.8	50.8	50.9	51.0	51.0	51.1
GE 14000	38.4	40.5	44.5	48.2	50.4	51.3	51.4	51.5	51.7	52.0	52.2	52.2	52.3	52.4	52.4	52.5
GE 12000	38.8	41.1	45.3	49.1	51.6	52.6	52.7	52.9	53.1	53.4	53.5	53.5	53.8	54.0	54.0	54.1
GE 10000	41.5	43.9	48.8	52.8	55.7	56.7	56.8	57.0	57.2	57.6	57.8	57.8	58.1	58.3	58.3	58.4
GE 9000	41.6	44.0	48.9	52.9	55.8	56.8	56.9	57.1	57.3	57.7	58.0	58.0	58.2	58.4	58.4	58.5
GE 8000	43.8	46.2	51.5	55.6	58.6	59.6	59.7	59.9	60.1	60.5	60.8	60.8	61.0	61.2	61.3	61.4
GE 7000	44.7	47.2	52.5	56.6	59.6	60.5	60.6	60.9	61.1	61.5	61.7	61.7	61.9	62.2	62.3	62.4
GE 6000	46.7	49.1	54.4	58.7	61.7	62.7	62.8	63.0	63.2	63.7	63.9	63.9	64.1	64.3	64.4	64.5
GE 5000	48.2	50.6	56.1	60.4	63.8	64.7	64.9	65.2	65.4	65.8	66.0	66.0	66.2	66.5	66.6	66.7
GE 4500	48.4	51.0	56.7	61.1	64.5	65.5	65.7	65.9	66.1	66.6	66.8	66.8	67.0	67.2	67.3	67.4
GE 4000	50.8	53.3	59.9	64.5	68.4	69.5	69.7	69.9	70.1	70.8	71.0	71.0	71.2	71.4	71.5	71.6
GE 3500	51.3	53.9	60.5	65.2	69.6	70.6	70.9	71.1	71.3	71.9	72.2	72.2	72.4	72.6	72.7	72.8
GE 3000	54.3	56.9	63.9	68.9	74.7	75.8	76.1	76.3	76.6	77.2	77.4	77.4	77.6	77.8	78.0	78.1
GE 2500	54.7	57.3	64.5	69.7	75.7	76.8	77.2	77.5	77.7	78.4	78.6	78.6	78.8	79.0	79.1	79.2
GE 2000	55.9	58.5	66.0	71.2	77.5	78.6	79.4	79.7	79.9	80.9	81.1	81.1	81.3	81.5	81.6	81.7
GE 1800	55.9	58.5	66.0	71.2	77.5	78.6	79.4	79.7	79.9	80.9	81.1	81.1	81.3	81.5	81.6	81.7
GE 1500	56.1	58.7	66.3	71.5	78.3	79.4	80.1	80.4	80.6	81.6	81.8	81.8	82.0	82.3	82.4	82.5
GE 1200	56.5	59.6	67.4	73.2	80.4	81.5	82.8	83.1	83.3	84.4	84.6	84.6	84.8	85.1	85.2	85.3
GE 1000	56.7	59.8	68.2	74.1	82.0	83.2	84.8	85.2	85.4	86.6	86.8	86.8	87.0	87.2	87.3	87.4
GE 900	56.7	59.8	68.2	74.2	82.4	83.5	85.2	85.5	85.7	86.9	87.1	87.1	87.3	87.5	87.6	87.7
GE 800	56.7	59.8	68.3	74.4	83.7	84.8	86.5	86.8	87.0	88.2	88.4	88.4	88.6	88.8	88.9	89.1
GE 700	56.7	59.8	68.4	74.7	84.4	85.6	87.3	87.6	87.8	89.0	89.2	89.2	89.5	89.7	89.8	90.0
GE 600	56.7	59.8	68.4	74.7	84.7	85.9	87.6	88.0	88.2	89.4	89.6	89.6	89.8	90.0	90.2	90.4
GE 500	56.7	59.8	68.4	74.7	84.9	86.1	88.0	88.4	88.6	90.1	90.3	90.3	90.5	90.8	91.0	91.2
GE 400	56.7	59.8	68.4	74.9	85.3	86.6	88.6	89.6	89.8	91.3	91.5	91.5	91.7	91.9	92.2	92.4
GE 300	56.7	59.8	68.4	74.9	85.5	86.9	89.1	90.2	90.6	92.5	93.3	93.3	93.9	94.1	94.3	94.5
GE 200	56.7	59.8	68.4	74.9	85.6	87.0	89.2	90.4	90.9	92.8	93.8	93.8	95.6	96.2	97.5	98.4
GE 100	56.7	59.8	68.4	74.9	85.6	87.0	89.2	90.4	90.9	92.8	93.9	93.9	95.9	96.9	98.5	99.9
GE 000	56.7	59.8	68.4	74.9	85.6	87.0	89.2	90.4	90.9	92.8	93.9	93.9	95.9	96.9	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.2	41.5	44.5	47.2	48.6	49.0	49.5	49.9	50.0	50.1	50.1	50.1	50.3	50.4	50.4	50.9
GE 20000	41.7	43.0	46.5	49.6	51.0	51.4	51.8	52.4	52.5	52.6	52.6	52.6	52.8	52.9	52.9	53.3
GE 18000	42.0	43.3	46.8	49.9	51.3	51.7	52.2	52.7	52.8	52.9	52.9	52.9	53.1	53.2	53.2	53.7
GE 16000	42.0	43.3	46.8	49.9	51.3	51.7	52.2	52.7	52.8	52.9	52.9	52.9	53.1	53.2	53.2	53.7
GE 14000	42.3	43.5	47.1	50.3	51.7	52.2	52.6	53.1	53.2	53.3	53.3	53.3	53.5	53.7	53.7	54.1
GE 12000	42.8	44.3	48.0	51.2	52.6	53.0	53.4	54.0	54.1	54.2	54.2	54.2	54.4	54.5	54.5	54.9
GE 10000	45.3	46.8	51.1	54.3	55.7	56.1	56.6	57.1	57.2	57.3	57.3	57.3	57.5	57.6	57.6	58.1
GE 9000	45.4	46.9	51.2	54.4	55.8	56.2	56.7	57.2	57.3	57.4	57.4	57.4	57.6	57.7	57.7	58.2
GE 8000	47.8	49.5	54.3	57.5	59.2	59.7	60.1	60.6	60.8	60.9	60.9	60.9	61.1	61.2	61.2	61.6
GE 7000	49.2	50.9	55.7	59.1	60.9	61.3	61.7	62.3	62.4	62.5	62.5	62.5	62.7	62.8	62.8	63.2
GE 6000	49.6	51.3	56.1	59.8	61.5	61.9	62.4	62.9	63.0	63.1	63.1	63.1	63.3	63.4	63.4	63.9
GE 5000	52.4	54.1	58.9	62.7	64.4	64.8	65.3	65.8	66.1	66.2	66.3	66.3	66.6	66.7	66.7	67.1
GE 4500	52.9	54.8	59.9	63.7	65.4	65.8	66.2	66.8	67.1	67.2	67.3	67.3	67.5	67.6	67.6	68.1
GE 4000	54.9	57.1	62.6	66.3	68.2	68.6	69.0	69.6	69.9	70.0	70.1	70.1	70.3	70.4	70.4	70.9
GE 3500	55.7	57.8	63.7	67.5	69.4	69.8	70.2	70.8	71.1	71.2	71.3	71.3	71.5	71.6	71.6	72.0
GE 3000	57.4	59.8	66.5	70.8	73.0	73.5	74.0	74.5	74.8	74.9	75.1	75.1	75.3	75.4	75.4	75.8
GE 2500	57.4	59.8	66.7	71.0	73.2	73.8	74.5	75.1	75.4	75.5	75.6	75.6	75.8	75.9	75.9	76.3
GE 2000	57.4	59.8	67.0	71.5	74.3	74.8	75.7	76.2	76.6	76.7	76.8	76.8	77.0	77.1	77.1	77.5
GE 1800	57.5	60.0	67.2	71.7	74.5	75.1	76.0	76.6	76.9	77.0	77.1	77.1	77.3	77.4	77.4	77.8
GE 1500	58.0	60.6	67.8	72.8	76.0	76.6	77.5	78.1	78.4	78.5	78.6	78.6	78.8	78.9	78.9	79.4
GE 1200	58.9	61.9	69.5	74.5	78.0	78.5	79.9	80.8	81.1	81.2	81.3	81.3	81.5	81.6	81.6	82.0
GE 1000	59.2	62.4	70.0	75.4	78.9	79.5	81.1	81.9	82.3	82.4	82.6	82.6	82.8	82.9	82.9	83.3
GE 900	59.4	62.5	70.4	75.8	79.8	80.3	82.2	83.0	83.3	83.4	83.7	83.7	83.9	84.0	84.0	84.4
GE 800	59.6	62.7	70.6	76.3	80.9	81.4	83.2	84.1	84.4	84.5	84.7	84.7	84.9	85.1	85.1	85.5
GE 700	59.7	62.8	70.8	76.7	81.5	82.0	84.5	85.4	85.7	85.8	86.0	86.0	86.2	86.3	86.3	86.8
GE 600	59.7	62.8	70.8	76.7	81.5	82.0	84.5	85.4	85.7	85.8	86.0	86.0	86.2	86.3	86.3	86.8
GE 500	59.7	62.8	70.8	76.9	82.2	82.7	85.3	86.3	86.7	87.0	87.2	87.2	87.4	87.5	87.5	88.0
GE 400	60.0	63.1	71.1	77.2	82.5	83.1	85.9	87.3	87.6	88.0	88.2	88.2	88.4	88.5	88.5	89.1
GE 300	60.0	63.1	71.1	77.2	82.9	83.5	86.7	88.1	88.4	88.7	89.0	89.0	89.5	89.8	89.8	90.6
GE 200	60.0	63.1	71.1	77.2	83.1	83.8	87.0	88.4	88.7	89.0	89.4	89.5	90.2	90.5	91.9	94.5
GE 100	60.0	63.1	71.1	77.2	83.1	83.8	87.0	88.4	88.7	89.0	89.4	89.5	90.3	90.6	92.3	98.5
GE 000	60.0	63.1	71.1	77.2	83.1	83.8	87.0	88.4	88.7	89.0	89.4	89.5	90.3	90.6	92.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.2	42.6	45.4	47.4	48.9	49.0	49.6	49.8	49.9	50.1	50.1	50.1	50.2	50.2	50.2	50.9
GE 20000	43.7	45.2	48.5	50.8	52.3	52.4	52.9	53.2	53.3	53.5	53.5	53.5	53.7	53.7	53.7	54.3
GE 18000	43.7	45.2	48.5	50.8	52.3	52.4	52.9	53.2	53.3	53.5	53.5	53.5	53.7	53.7	53.7	54.3
GE 16000	43.7	45.2	48.5	50.8	52.3	52.4	52.9	53.2	53.3	53.5	53.5	53.5	53.7	53.7	53.7	54.3
GE 14000	44.3	45.8	49.1	51.4	52.9	53.0	53.5	53.9	54.0	54.2	54.2	54.2	54.3	54.3	54.3	54.9
GE 12000	44.7	46.2	49.7	51.9	53.4	53.5	54.1	54.4	54.5	54.7	54.7	54.7	54.8	54.8	54.8	55.5
GE 10000	46.0	47.5	51.2	53.5	55.4	55.5	56.0	56.3	56.5	56.7	56.7	56.7	56.8	56.8	56.8	57.4
GE 9000	46.0	47.5	51.2	53.5	55.4	55.5	56.0	56.3	56.5	56.7	56.7	56.7	56.8	56.8	56.8	57.4
GE 8000	47.0	48.5	52.2	54.5	56.5	56.6	57.1	57.4	57.5	57.7	57.7	57.7	57.8	57.8	57.8	58.5
GE 7000	47.8	49.4	53.0	55.4	57.3	57.4	58.0	58.3	58.4	58.6	58.6	58.6	58.7	58.7	58.7	59.4
GE 6000	48.3	49.9	53.5	56.0	58.2	58.3	58.8	59.1	59.2	59.5	59.5	59.5	59.6	59.6	59.6	60.2
GE 5000	51.1	52.8	56.6	59.0	61.3	61.6	62.2	62.5	62.7	62.9	62.9	62.9	63.0	63.0	63.0	63.7
GE 4500	51.9	53.7	57.6	60.2	62.5	62.8	63.3	63.7	63.9	64.1	64.1	64.1	64.2	64.2	64.2	64.8
GE 4000	53.3	55.1	59.2	62.0	64.3	64.6	65.2	65.5	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.7
GE 3500	54.3	56.2	60.4	63.3	65.6	65.9	66.5	66.8	67.0	67.2	67.2	67.2	67.3	67.3	67.3	68.0
GE 3000	56.6	58.5	63.4	66.3	68.6	69.1	69.7	70.0	70.2	70.4	70.4	70.4	70.5	70.5	70.5	71.2
GE 2500	57.2	59.2	64.2	67.8	70.3	70.9	71.4	71.7	71.9	72.2	72.2	72.2	72.3	72.3	72.3	72.9
GE 2000	57.7	59.9	64.9	68.7	71.3	71.8	72.5	72.8	73.0	73.2	73.2	73.2	73.3	73.3	73.3	74.0
GE 1800	58.0	60.1	65.3	69.0	71.7	72.3	72.9	73.2	73.4	73.7	73.7	73.7	73.8	73.8	73.8	74.4
GE 1500	58.3	60.4	65.7	69.5	72.6	73.1	73.9	74.2	74.4	74.6	74.6	74.6	74.7	74.7	74.7	75.4
GE 1200	59.6	62.0	67.3	71.2	74.6	75.3	76.2	76.6	76.8	77.0	77.0	77.0	77.1	77.1	77.1	77.7
GE 1000	59.8	62.6	67.8	71.8	75.3	76.0	77.0	77.6	78.0	78.3	78.3	78.3	78.5	78.5	78.5	79.1
GE 900	60.0	62.9	68.3	72.3	75.8	76.6	78.0	78.6	78.9	79.2	79.2	79.2	79.5	79.5	79.5	80.1
GE 800	60.1	63.1	68.5	72.8	77.2	78.0	79.5	80.1	80.4	80.8	80.8	80.8	81.0	81.0	81.0	81.6
GE 700	60.2	63.3	68.7	73.0	77.4	78.3	80.3	81.0	81.3	81.6	81.6	81.6	81.8	81.8	81.8	82.5
GE 600	60.2	63.3	68.7	73.0	77.4	78.3	80.3	81.0	81.3	81.6	81.6	81.6	81.8	81.8	81.8	82.5
GE 500	60.2	63.3	68.7	73.0	77.7	78.6	81.1	81.8	82.2	82.6	82.6	82.6	82.8	82.8	82.9	83.5
GE 400	60.4	63.5	68.9	73.3	78.5	79.4	82.2	83.5	83.9	84.4	84.4	84.4	84.6	84.6	85.1	85.8
GE 300	60.4	63.5	68.9	73.4	78.9	79.8	82.9	84.6	84.9	85.5	85.6	85.9	86.2	86.3	86.9	88.0
GE 200	60.4	63.5	69.0	73.5	79.0	79.9	83.0	84.7	85.3	85.8	85.9	86.6	87.2	87.4	88.8	92.5
GE 100	60.4	63.5	69.0	73.5	79.0	79.9	83.0	84.7	85.3	85.8	85.9	86.6	87.4	87.7	89.2	97.7
GE 000	60.4	63.5	69.0	73.5	79.0	79.9	83.0	84.7	85.3	85.8	85.9	86.6	87.4	87.7	89.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTHLY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.0	37.4	39.9	41.8	43.2	43.5	43.8	44.2	44.3	44.5	44.6	44.6	44.7	44.8	44.9	45.3
GE 20000	38.9	40.4	43.3	45.5	47.1	47.4	47.7	48.1	48.2	48.4	48.5	48.5	48.6	48.7	48.8	49.3
GE 18000	39.1	40.6	43.5	45.7	47.3	47.6	47.9	48.3	48.4	48.6	48.7	48.7	48.8	48.9	49.0	49.5
GE 16000	39.1	40.6	43.6	45.8	47.3	47.6	47.9	48.3	48.4	48.6	48.7	48.7	48.8	48.9	49.1	49.5
GE 14000	40.0	41.6	44.6	46.8	48.3	48.6	49.0	49.4	49.5	49.7	49.8	49.8	49.9	50.0	50.1	50.6
GE 12000	40.8	42.5	45.6	47.9	49.6	49.9	50.2	50.7	50.8	51.0	51.1	51.1	51.3	51.4	51.6	52.0
GE 10000	42.8	44.5	48.0	50.5	52.5	52.8	53.2	53.7	53.8	54.1	54.2	54.2	54.5	54.6	54.7	55.2
GE 9000	42.9	44.7	48.1	50.7	52.7	53.0	53.4	53.9	54.0	54.2	54.3	54.3	54.6	54.7	54.9	55.3
GE 8000	44.8	46.6	50.3	52.9	55.1	55.4	55.8	56.2	56.3	56.6	56.7	56.7	57.0	57.1	57.3	57.7
GE 7000	46.1	47.9	51.6	54.2	56.4	56.7	57.1	57.6	57.7	58.0	58.1	58.1	58.4	58.5	58.6	59.1
GE 6000	47.2	49.0	52.8	55.6	57.9	58.2	58.6	59.1	59.2	59.5	59.6	59.6	59.9	60.0	60.1	60.6
GE 5000	49.1	51.0	54.9	57.8	60.2	60.6	61.0	61.5	61.7	61.9	62.0	62.0	62.3	62.4	62.6	63.0
GE 4500	49.7	51.7	55.8	58.7	61.2	61.6	62.0	62.5	62.6	62.9	63.0	63.0	63.3	63.4	63.6	64.0
GE 4000	51.5	53.7	58.2	61.3	64.0	64.4	64.9	65.4	65.6	65.9	66.0	66.0	66.3	66.4	66.6	67.0
GE 3500	52.1	54.3	59.0	62.2	65.1	65.5	66.0	66.5	66.7	67.0	67.1	67.1	67.4	67.5	67.7	68.1
GE 3000	53.9	56.2	61.2	64.8	68.2	68.7	69.3	69.8	70.0	70.3	70.4	70.4	70.7	70.8	71.0	71.5
GE 2500	54.5	56.8	62.1	65.8	69.5	70.1	70.7	71.3	71.4	71.7	71.9	71.9	72.2	72.3	72.5	72.9
GE 2000	55.4	57.8	63.2	67.2	71.3	71.9	72.8	73.4	73.6	73.9	74.0	74.0	74.4	74.5	74.7	75.1
GE 1800	55.5	57.9	63.3	67.3	71.5	72.1	73.0	73.6	73.8	74.1	74.3	74.3	74.6	74.7	74.9	75.3
GE 1500	55.7	58.2	63.7	67.9	72.5	73.2	74.1	74.8	74.9	75.3	75.5	75.5	75.8	75.9	76.1	76.6
GE 1200	56.4	59.1	64.8	69.1	74.0	74.8	75.9	76.5	76.8	77.2	77.3	77.4	77.7	77.8	78.0	78.4
GE 1000	56.8	59.7	65.5	70.0	75.3	76.1	77.4	78.2	78.4	78.8	79.0	79.0	79.4	79.5	79.7	80.1
GE 900	57.0	60.0	66.0	70.6	76.1	76.9	78.4	79.2	79.4	79.9	80.0	80.0	80.4	80.5	80.7	81.2
GE 800	57.1	60.1	66.2	70.9	77.0	77.8	79.2	80.1	80.3	80.8	81.0	81.0	81.3	81.4	81.6	82.1
GE 700	57.2	60.2	66.3	71.2	77.4	78.3	80.0	80.9	81.1	81.6	81.8	81.8	82.2	82.3	82.5	83.0
GE 600	57.2	60.3	66.4	71.3	77.8	78.6	80.4	81.3	81.5	82.1	82.3	82.3	82.6	82.8	83.0	83.5
GE 500	57.3	60.3	66.5	71.4	78.2	79.0	81.2	82.3	82.5	83.2	83.5	83.5	83.9	84.0	84.3	84.9
GE 400	57.4	60.5	66.6	71.7	78.9	79.8	82.1	83.4	83.7	84.6	85.0	85.0	85.4	85.6	85.9	86.8
GE 300	57.4	60.5	66.7	71.7	79.1	80.0	82.7	84.2	84.6	85.7	86.3	86.4	87.2	87.5	88.1	89.4
GE 200	57.4	60.5	66.7	71.8	79.2	80.1	82.8	84.4	84.9	86.0	86.9	87.1	88.6	89.0	90.9	94.0
GE 100	57.4	60.5	66.7	71.8	79.2	80.1	82.8	84.4	84.9	86.0	86.9	87.1	88.8	89.3	91.7	97.9
GE 000	57.4	60.5	66.7	71.8	79.2	80.1	82.8	84.4	84.9	86.1	86.9	87.1	88.8	89.3	91.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.5	69.1	69.9	70.3	70.8	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.2
GE 20000	73.1	73.8	74.7	75.2	75.7	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.2
GE 18000	73.6	74.3	75.2	75.8	76.2	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.7
GE 16000	73.7	74.4	75.4	75.9	76.3	76.4	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.8
GE 14000	74.9	75.7	76.6	77.2	77.7	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.2
GE 12000	76.6	77.4	78.4	79.0	79.5	79.6	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9	80.0	80.0
GE 10000	78.9	79.7	80.8	81.5	82.1	82.1	82.3	82.3	82.4	82.4	82.4	82.4	82.5	82.5	82.6	82.6
GE 9000	79.0	79.8	80.9	81.6	82.2	82.3	82.4	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.7	82.7
GE 8000	80.8	81.7	82.8	83.5	84.2	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.8
GE 7000	81.2	82.1	83.3	84.1	84.8	84.8	85.0	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.3	85.3
GE 6000	82.0	82.9	84.1	84.9	85.7	85.7	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.3
GE 5000	83.4	84.4	85.7	86.6	87.4	87.5	87.6	87.7	87.7	87.8	87.8	87.8	87.9	87.9	88.0	88.0
GE 4500	83.7	84.7	86.0	86.9	87.7	87.8	88.0	88.0	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.4
GE 4000	85.3	86.4	87.9	88.9	89.8	89.9	90.1	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.5
GE 3500	85.8	86.9	88.5	89.5	90.5	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.2
GE 3000	87.0	88.1	89.9	91.1	92.2	92.3	92.5	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.9	93.0
GE 2500	87.2	88.4	90.2	91.4	92.6	92.7	92.9	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.4
GE 2000	87.6	88.8	90.7	92.0	93.4	93.5	93.8	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.2	94.3
GE 1800	87.6	88.9	90.8	92.1	93.4	93.6	93.9	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.3	94.3
GE 1500	87.8	89.1	91.1	92.4	93.8	94.0	94.3	94.4	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.8
GE 1200	88.1	89.4	91.4	92.8	94.3	94.5	94.9	95.0	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.4
GE 1000	88.2	89.5	91.7	93.1	94.7	94.9	95.3	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.8	95.9
GE 900	88.3	89.6	91.7	93.2	94.9	95.1	95.5	95.6	95.7	95.8	95.9	95.9	95.9	95.9	96.0	96.1
GE 800	88.3	89.6	91.8	93.3	95.1	95.3	95.7	95.9	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.3
GE 700	88.3	89.7	91.9	93.4	95.2	95.4	95.9	96.1	96.1	96.3	96.3	96.3	96.4	96.4	96.5	96.5
GE 600	88.4	89.7	91.9	93.5	95.4	95.6	96.1	96.3	96.3	96.5	96.6	96.6	96.6	96.7	96.7	96.8
GE 500	88.4	89.7	91.9	93.5	95.5	95.7	96.3	96.5	96.6	96.8	96.9	96.9	97.0	97.0	97.1	97.2
GE 400	88.4	89.8	92.0	93.6	95.7	95.9	96.6	96.8	96.9	97.2	97.3	97.3	97.4	97.4	97.5	97.7
GE 300	88.4	89.8	92.0	93.6	95.7	96.0	96.7	97.0	97.1	97.5	97.6	97.6	97.8	97.9	98.0	98.2
GE 200	88.4	89.8	92.0	93.6	95.7	96.0	96.7	97.1	97.2	97.6	97.8	97.8	98.1	98.2	98.5	99.0
GE 100	88.4	89.8	92.0	93.6	95.7	96.0	96.7	97.1	97.2	97.6	97.8	97.9	98.2	98.3	98.6	99.6
GE 000	88.4	89.8	92.0	93.6	95.7	96.0	96.7	97.1	97.2	97.6	97.8	97.9	98.2	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 87639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 80
MONTH: JAN HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	26.6	16.2	11.2	34.6	11.4	57.2	7.7	930
03-05	25.2	14.3	12.8	33.8	14.0	60.5	9.6	930
06-08	12.6	21.5	19.6	32.8	14.5	65.9	10.8	930
09-11	5.8	22.2	25.8	36.5	9.8	72.0	15.6	930
12-14	5.7	24.7	24.6	40.6	4.3	69.6	15.1	930
15-17	4.7	28.5	24.8	40.8	1.2	66.8	15.1	930
18-20	16.1	25.7	16.6	36.8	4.8	58.2	10.3	930
21-23	28.1	16.7	11.5	35.8	8.0	55.3	9.	930
ALL HOURS	15.6	21.2	18.2	36.5	8.5	63.2	11.8	7440

MONTH: FEB HOURS: ALL

00-02	38.3	19.7	16.9	24.7	.4	42.0	.9	846
03-05	37.1	22.2	16.1	23.4	1.2	40.7	1.2	846
06-08	17.7	31.9	26.6	22.1	1.7	50.4	3.5	846
09-11	8.7	35.0	29.1	26.5	.7	66.3	5.3	846
12-14	7.6	33.0	31.3	28.1		59.5	5.7	846
15-17	5.8	31.2	30.5	29.6		60.0	5.2	846
18-20	17.0	35.2	19.7	28.0		47.8	2.6	846
21-23	34.3	23.3	15.1	27.2	.1	42.4	1.1	846
ALL HOURS	20.8	29.3	23.2	26.2	.5	49.9	3.2	6769

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	34.4	21.3	17.0	26.7	.6	44.3	.2	930
03-05	33.3	21.9	15.5	28.8	.4	44.7	.9	930
06-08	11.4	34.3	28.9	24.5	.9	54.3	2.2	930
09-11	7.6	29.7	33.3	29.4		62.7	1.6	930
12-14	4.2	34.0	32.5	29.4		61.8	1.0	930
15-17	2.4	38.1	29.2	30.3		59.6	1.0	930
18-20	11.0	38.8	25.2	25.1		50.2	.5	930
21-23	33.1	24.8	16.8	25.1	.2	42.0	.2	930
ALL HOURS	17.2	30.4	24.8	27.4	.3	52.5	.9	7440

MONTH: APR HOURS: ALL

00-02	43.0	25.3	16.2	15.4		31.7		900
03-05	38.2	28.4	16.9	16.2	.2	33.3	.1	900
06-08	15.2	37.7	28.9	18.0	.2	47.1	.7	900
09-11	12.3	36.4	29.6	21.7		51.2	.9	900
12-14	9.2	37.0	29.4	24.3		53.8	1.1	900
15-17	8.0	37.1	32.1	22.8		54.9	.1	900
18-20	14.7	43.2	27.9	14.2		42.1	.1	900
21-23	40.9	27.7	16.6	14.9		31.4		900
ALL HOURS	22.7	34.1	24.7	18.4	.1	43.2	.4	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST			
00-02	52.5	29.5	10.1	8.0	18.1		930
03-05	41.9	35.9	14.5	7.6	22.2		930
06-08	23.5	44.7	22.5	9.2	31.7		930
09-11	18.6	46.8	25.5	9.1	34.6	.1	930
12-14	11.5	51.9	26.6	10.0	36.6		930
15-17	7.9	51.9	28.9	11.3	40.2	.2	928
18-20	12.8	52.2	26.5	8.4	35.0	.3	927
21-23	42.4	33.8	15.1	8.7	23.8		927
ALL HOURS	26.4	43.3	21.2	9.1	30.3	.1	7432

MONTH: JUN HOURS: ALL

00-02	58.8	26.8	10.7	3.8	14.4		900
03-05	45.3	38.0	13.1	3.6	16.7		900
06-08	29.8	47.4	18.1	4.7	22.8	.1	900
09-11	19.4	59.7	15.9	5.0	20.9	.2	900
12-14	10.6	64.0	19.9	5.6	25.4	.4	900
15-17	9.7	61.9	23.3	5.1	28.4	.7	900
18-20	14.2	57.6	23.4	4.8	28.2	.6	900
21-23	43.3	40.7	13.8	2.2	16.0	.1	900
ALL HOURS	28.9	49.5	17.3	4.3	21.6	.3	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST			
00-02	75.0	15.5	7.3	1.2	8.5		930
03-05	61.8	28.0	9.1	1.1	10.2		930
06-08	45.3	42.3	10.5	1.9	12.5	.2	930
09-11	43.4	43.7	10.4	2.5	12.9	.6	930
12-14	30.4	55.8	10.9	2.9	13.8	1.4	930
15-17	24.3	61.4	10.6	3.7	14.3	1.4	930
18-20	30	56.5	11.4	2.0	13.4	.9	930
21-23	68.3	24.5	6.1	1.0	7.2		930
ALL HOURS	47.5	40.9	9.6	2.0	11.6	.6	7440

MONTH: AUG HOURS: ALL

00-02	75.7	17.4	4.8	1.1	5.9		930
03-05	66.6	25.3	7.0	1.2	8.2	.1	930
06-08	40.0	47.8	11.3	.9	12.2	.6	930
09-11	38.1	50.5	10.9	.5	11.4	.3	930
12-14	26.0	60.9	12.4	.8	13.1	.3	930
15-17	20.2	64.5	13.5	1.7	15.3	.6	930
18-20	33.7	53.8	11.0	1.6	12.6	.2	930
21-23	70.2	22.2	6.7	1.0	7.6		930
ALL HOURS	46.4	42.8	9.7	1.1	10.8	.3	7440

D - 3 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	
00-02	66.4	20.7	8.1	4.8	900
03-05	63.7	22.0	9.8	4.5	900
06-08	34.7	43.0	17.6	4.8	900
09-11	33.7	44.0	16.2	6.1	900
12-14	24.2	52.3	18.3	5.1	900
15-17	21.8	53.7	19.8	4.8	900
18-20	34.3	47.3	14.6	3.8	900
21-23	57.9	28.2	9.9	4.0	900
ALL HOURS	42.1	38.9	14.3	4.7	7200

MONTH: OCT HOURS: ALL

00-02	59.9	19.0	11.1	10.0		21.1	.6	930
03-05	61.6	17.4	10.3	10.4	.2	21.0	.8	930
06-08	29.2	41.5	21.2	8.0	.1	29.2	2.0	930
09-11	23.1	43.4	23.5	9.8	.1	33.4	4.7	930
12-14	15.7	50.0	21.2	13.1		34.3	9.8	930
15-17	14.0	51.0	23.0	12.0		35.1	10.0	930
18-20	31.9	41.5	15.9	10.6		26.6	2.5	930
21-23	54.7	25.8	8.9	10.5		19.5	.5	930
ALL HOURS	36.3	36.2	16.9	10.6	.1	27.5	3.9	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	35.7	24.0	12.6	26.6	1.2	40.3	2.9	900
03-05	36.3	21.1	13.1	28.1	1.3	42.6	3.4	900
06-08	15.4	34.9	19.3	28.1	2.2	49.7	4.8	900
09-11	9.9	29.2	28.4	31.8	.7	60.9	6.2	900
12-14	8.1	31.4	27.0	33.1	.3	60.4	5.4	900
15-17	7.2	34.0	30.1	28.7		58.8	5.6	900
18-20	19.8	32.7	20.6	27.0		47.6	2.2	900
21-23	30.8	25.2	16.9	26.4	.7	44.0	2.3	900
ALL HOURS	20.4	29.1	21.0	28.7	.8	50.5	4.1	7200

MONTH: DEC HOURS: ALL

00-02	31.0	12.2	10.5	31.4	14.9	56.9	8.3	930
01-05	29.6	10.9	10.2	32.9	16.2	59.4	8.7	930
06-08	14.7	19.9	17.0	31.8	16.6	65.4	10.9	930
09-11	8.1	23.7	21.5	34.7	12.0	68.3	13.7	930
12-14	6.0	29.8	19.2	39.6	5.4	64.2	13.7	930
15-17	5.9	32.2	20.1	38.8	3.0	61.9	15.7	930
18-20	20.6	25.2	12.6	32.6	9.0	54.2	7.6	930
21-23	30.5	15.9	9.4	31.5	12.7	53.5	8.1	930
ALL HOURS	18.3	21.2	15.1	34.2	11.2	60.5	10.8	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	50.0	20.6	11.3	15.6	2.4	29.4	1.9	10956
03-05	45.1	23.8	12.3	15.9	2.8	31.1	2.2	10956
06-08	24.2	37.2	20.0	15.5	3.0	38.6	3.4	10956
09-11	19.1	38.7	22.5	17.7	2.0	42.2	4.7	10956
12-14	13.3	43.8	22.7	19.3	.8	42.9	5.4	10956
15-17	11.0	45.8	23.8	19.1	.4	43.2	5.4	10954
18-20	21.4	42.5	18.7	16.2	1.2	36.1	2.8	10953
21-23	44.6	25.7	12.2	15.6	1.8	29.7	2.0	10953
ALL HOURS	28.6	34.8	17.9	16.9	1.8	36.6	3.5	87640

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

E - 1 - 1

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPENING LOCATION 'A'
 1. ETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 724017

STATION NAME: BEALE AFB/MARYSVILLE GA
 LST TO UTC: +08

PERIOD OF RECORD: 5907-9005
 MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 110						.1	.6	.2					.1
GE 105						2.2	4.2	1.4	.5				.7
GE 100					.4	13.1	21.0	13.8	5.2	.1			4.6
GE 95					5.7	27.4	52.4	38.5	16.1	1.8			11.9
GE 90				.4	17.1	46.7	77.9	68.1	39.9	8.0			21.6
GE 85			.1	4.0	31.3	66.4	91.2	86.0	63.5	19.6	.2		30.3
GE 80		.1	1.7	16.3	51.6	84.1	97.3	95.9	79.6	36.2	1.4		38.8
GE 75	.2	1.4	7.9	34.9	70.4	92.4	99.4	98.9	91.3	58.5	5.9	.1	47.0
GE 70	.6	6.6	21.9	54.6	85.2	98.6	99.9	99.9	97.0	78.4	17.1	.6	55.1
GE 65	3.1	21.7	42.5	72.9	94.0	99.4	100.0	100.0	99.4	92.3	36.0	3.0	63.8
GE 60	15.2	51.8	72.0	88.4	98.9	99.8			100.0	98.3	60.9	18.5	75.3
GE 55	40.3	81.5	91.7	97.2	99.9	100.0				99.8	85.5	45.8	86.7
GE 50	70.7	91.5	98.8	99.9	100.0					100.0	96.0	70.6	94.1
GE 45	88.2	99.5	99.8	100.0							99.4	87.7	97.8
GE 40	97.2	100.0	100.0								100.0	96.3	99.4
GE 35	99.1											99.7	99.9
GE 30	99.8											99.8	100.0
GE 25	100.0											100.0	100.0

MEAN	52.7	59.8	63.7	70.4	79.7	88.5	94.3	92.0	86.6	76.6	62.1	53.1	73.3
SD	6.75	6.23	7.03	8.51	9.29	9.02	6.80	6.84	8.20	8.63	7.51	6.91	16.37
TOTAL OBS	961	826	961	930	961	900	961	961	930	961	930	961	11293

E - 2 - 1

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: +08

PERIOD OF RECORD: 5907-9005
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 75					.1	.3	2.6	1.5					.4
GE 70					.6	4.9	11.7	6.6	1.3				2.1
GE 65					3.2	19.2	38.2	27.0	10.9	.1			8.3
GE 60				.4	13.3	45.4	74.1	69.9	40.2	6.7			21.0
GE 55	.7	1.7	3.5	6.7	38.0	81.4	96.7	96.5	77.8	29.2	3.3	1.4	35.5
GE 50	7.1	12.8	19.7	32.2	78.7	98.3	100.0	99.9	96.9	65.8	20.1	7.1	53.3
GE 45	18.9	35.3	50.8	68.9	95.5	100.0		100.0	99.9	89.1	46.3	19.8	68.8
GE 40	38.9	64.5	81.0	93.0	97.5				100.0	97.9	74.8	42.4	82.7
GE 35	69.0	88.1	95.6	99.9	100.0					100.0	93.0	71.1	93.0
GE 30	78.8	94.1	97.7	100.0							97.2	79.9	95.6
GE 25	90.8	98.3	99.7								99.4	93.3	98.4
GE 20	98.9	99.7	100.0								100.0	98.4	99.7
GE 15	100.0	100.0										100.0	100.0
MEAN	38.2	42.0	44.4	47.0	53.3	59.5	63.2	62.0	58.3	51.4	43.8	38.6	50.2
SD	6.87	6.23	5.67	4.99	5.59	5.50	5.16	4.64	4.99	5.41	6.13	6.90	10.40
TOTAL OBS	961	876	961	930	961	900	961	961	930	961	930	961	11293

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: +08

PERIOD OF RECORD: 5907-9005
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 95							.1						.0
GE 90						.8	2.4	.6					.3
GE 85					.3	7.7	16.9	9.1	2.4				3.0
GE 80					4.6	22.7	47.1	32.7	12.9	.2			10.1
GE 75				.1	14.7	16.0	78.9	69.4	38.2	5.5			21.2
GE 70			.1	3.4	32.7	73.4	95.6	93.7	71.0	19.5			32.5
GE 65			2.4	17.8	61.9	92.9	99.9	99.5	91.4	46.4	1.3	.2	42.9
GE 60	.5	4.3	16.0	45.8	85.8	99.0	100.0	100.0	99.2	78.5	12.5	.8	53.7
GE 55	7.2	27.6	46.8	76.9	97.1	100.0			100.0	95.1	43.8	7.9	66.9
GE 50	25.8	64.2	83.1	95.3	100.0					99.7	74.2	29.2	80.9
GE 45	55.7	90.6	98.1	100.0						100.0	93.8	61.3	91.5
GE 40	86.3	98.7	99.9								99.2	86.7	97.5
GE 35	98.5	99.9	100.0								100.0	98.9	99.8
GE 33	99.2	100.0										99.1	99.8
GE 30	99.8											99.8	100.0
GE 25	100.0											100.0	100.0
MEAN	45.7	51.1	54.3	59.0	66.8	74.2	79.0	77.3	72.7	64.2	53.2	46.1	62.0
SD	5.69	4.99	5.11	5.79	6.89	6.86	5.51	5.17	5.88	6.08	5.51	5.80	12.93
TOTAL OBS	961	876	961	930	961	900	961	961	930	961	930	961	11293

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
EST TO UTC: +08

PERIOD OF RECORD: 5907-9005
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
59							108	103	101	90	78	71	108*
60	63	65	83	84	95	107	109	104	101	88	81	63	109
61	60	68	75	83	83	111	109	101	95	94	77	62	111
62	74	60	74	87	89	103	101	101	97	89	75	60	103
63	62	70	70	78	97	100	100	99	100	95	68	54	100
64	62	79	78	86	90	104	104	102	106	97	75	70	106
65	57	69	73	86	93	94	100	98	91	89	75	56	100
66	68	62	82	85	94	106	103	105	102	88	81	58	106
67	62	71	67	63	96	104	104	105	98	87	85	75	105
68	77	75	81	88	95	104	105	105	95	83	71	58	105
69	58	61	77	81	100	98	102	104	104	89	78	66	104
70	67	72	80	80	100	105	108	104	98	101	77	58	108
71	65	72	76	81	88	100	104	110	105	95	80	62	110
72	58	72	85	85	98	107	113	105	98	87	70	70	113
73	64	70	71	89	98	105	102	100	105	85	68	65	105
74	70	70	79	84	99	105	105	105	101	98	73	66	105
75	60	73	73	78	96	107	113	103	104	91	76	69	113
76	77	69	78	84	101	107	104	104	105	97	83	69	107
77	60	78	78	84	97	107	106	102	102	91	72	62	107
78	61	70	76	81	95	100	102	112	95	93	77	63	112
79	60	68	74	77	95	102	105	104	104	93	68	68	105
80	65	67	72	82	97	99	106	102	94	97	79	64	106
81	65	68	70	90	95	101	99	104	97	85	74	63	104
82	59	68	70	82	98	98	98	100	97	86	69	66	100
83	67	68	70	76	96	98	106	104	103	86	71	62	106
84	65	68	77	84	102	100	108	105	100	82	67	61	108
85	57	80	77	88	93	105	104	97	90	91	79	61	105
86	64	75	80	86	96	104	100	102	100	91	87	64	104
87	64	70	75	91	98	104	101	104	99	96	68	65	104
88	65	75	82	90	93	104	111	103	106	91	75	68	111
89	63	70	71	88	91	100	107	98	96	87	77	69	107
90	66	70	78	88	95								95*

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5907-9005
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	77	80	85	91	102	111	113	112	106	101	87	75	113
TOTAL OBS	961	876	961	930	961	900	961	961	930	961	930	961	11293

THE GREATEST VALUE OF 113 OCCURRED ON 07/14/72

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: +08

PERIOD OF RECORD: 5907-9005
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
59							57	52	49	48	34	28	28*
60	23	33	36	40	43	52	53	53	50	43	34	29	23
61	24	34	37	35	40	52	54	56	50	36	29	25	24
62	24	28	32	41	49	52	55	57	52	46	33	24	24
63	22	38	32	34	43	49	53	52	54	39	33	25	22
64	27	29	26	35	38	48	54	55	50	46	32	31	26
65	25	30	34	39	40	48	53	57	42	42	33	24	24
66	28	31	31	39	46	46	55	49	50	38	33	28	28
67	27	34	34	37	41	50	53	59	56	43	33	23	23
68	22	32	37	36	43	51	53	51	45	40	31	23	22
69	26	30	32	38	46	53	58	56	50	41	31	30	26
70	24	34	34	35	44	50	58	54	47	35	38	31	24
71	24	27	31	37	46	47	56	59	45	36	34	24	24
72	26	29	35	37	45	49	57	55	47	37	30	20	20
73	26	37	36	39	45	56	57	52	56	43	34	35	26
74	30	35	33	41	42	55	56	56	53	46	36	27	27
75	27	33	36	37	40	53	56	55	55	41	30	32	27
76	28	33	30	35	48	51	56	56	56	42	31	24	24
77	28	33	30	38	42	51	56	56	54	45	27	33	27
78	35	39	43	41	46	51	52	52	47	46	34	27	27
79	25	31	40	39	41	52	56	58	53	43	34	30	25
80	29	36	34	38	40	48	55	54	50	41	35	29	29
81	33	35	37	40	46	53	51	52	51	41	37	38	33
82	30	30	38	38	45	50	54	54	46	42	34	26	26
83	31	39	39	40	43	54	50	57	55	48	37	37	31
84	32	36	39	40	47	50	55	53	46	37	34	30	30
85	29	27	32	42	42	49	57	53	46	37	27	27	27
86	35	35	40	37	41	53	57	58	45	45	32	32	32
87	25	31	35	40	46	52	52	53	51	44	31	27	25
88	27	30	34	39	37	46	58	53	50	47	34	27	27
89	28	21	33	41	44	54	54	55	51	39	34	26	21
90	29	25	33	43	49								25*

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

MONTH: ALL HOURS: ALL

LEAST	22	21	26	34	37	46	50	49	42	35	27	20	20
TOTAL OBS	961	876	961	930	961	900	961	961	930	961	930	961	11293

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: +08

PERIOD OF RECORD: 5907-9005
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
59							83	77	72	68	56	47	67*
60	46	50	56	59	65	72	82	78	74	64	52	46	63
61	42	51	52	58	62	78	81	79	71	64	53	44	61
62	43	48	52	63	66	75	79	76	71	63	54	46	61
63	41	56	51	54	66	72	76	76	73	63	50	40	60
64	44	49	50	57	63	71	79	78	73	70	53	53	62
65	45	49	53	58	65	68	76	76	68	66	54	41	60
66	45	47	53	62	67	74	76	79	73	63	54	45	62
67	45	50	52	50	66	72	81	82	76	65	56	44	62
68	43	56	56	60	66	76	79	74	72	62	52	43	62
69	43	46	53	58	69	72	80	80	76	62	53	49	62
70	50	53	55	56	69	75	81	78	73	62	55	47	63
71	47	49	55	58	62	73	81	81	74	63	55	45	62
72	43	53	61	60	69	76	80	78	70	61	50	42	62
73	47	54	54	62	73	78	79	76	75	63	52	49	64
74	49	53	56	58	68	77	80	80	77	69	54	47	64
75	45	52	54	55	69	76	80	78	78	63	52	48	62
76	48	51	53	57	71	75	80	74	75	67	56	46	63
77	42	53	51	63	61	77	79	78	73	66	54	50	62
78	51	53	59	59	69	70	77	77	71	68	52	43	62
79	46	50	56	58	69	76	79	77	76	65	53	48	63
80	48	54	53	59	64	69	78	75	71	65	55	48	62
81	48	51	53	60	67	78	77	76	73	61	57	51	63
82	44	52	53	57	67	70	76	75	69	63	50	46	60
83	45	54	55	57	67	74	76	80	76	68	54	52	63
84	49	52	59	59	71	73	82	76	73	58	50	44	62
85	42	51	51	62	65	77	79	73	66	60	48	42	60
86	50	53	58	58	67	75	78	78	68	65	56	46	63
87	45	51	54	63	70	74	73	76	71	66	52	47	62
88	47	53	55	59	63	74	83	77	74	67	54	46	63
89	45	48	55	63	66	73	78	75	71	63	55	45	62
90	47	47	56	64	66								56*

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

MONTH: ALL HOURS: ALL

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	43.0	5.671	930	0	12	0	0	0	930
03-05	41.9	6.029	930	0	33	0	0	0	930
06-08	41.1	6.276	930	0	72	0	0	0	930
09-11	45.6	6.188	930	0	5	0	0	0	930
12-14	50.8	6.630	930	0	0	10	0	0	930
15-17	51.4	6.563	930	0	0	15	0	0	930
18-20	46.8	5.455	930	0	0	0	0	0	930
21-23	44.4	5.408	930	0	2	0	0	0	930
ALL HOURS	45.6	6.987	7440	0	124	25	0	0	7440

MONTH: FEB

00-02	46.5	6.384	846	0	20	0	0	0	846
03-05	44.8	6.647	846	0	37	0	0	0	846
06-08	43.8	6.880	846	0	43	0	0	0	846
09-11	51.2	6.585	846	0	5	9	0	0	846
12-14	57.6	6.366	846	0	0	108	0	0	846
15-17	58.7	6.526	846	0	0	169	1	0	846
18-20	52.6	5.981	846	0	0	20	0	0	846
21-23	48.9	6.127	846	0	6	3	0	0	846
ALL HOURS	50.5	8.313	6768	0	111	309	1	0	6768

E - 5 - 1 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	50.4	5.027	930	0	0	0	0	0	930
03-05	48.3	5.252	930	0	0	0	0	0	930
06-08	48.6	5.316	930	0	1	0	0	0	930
09-11	56.0	5.554	930	0	0	60	0	0	930
12-14	61.4	6.562	930	0	0	323	2	0	930
15-17	62.7	7.335	930	0	0	388	8	0	930
18-20	57.0	6.281	930	0	0	113	0	0	930
21-23	52.7	5.111	930	0	0	2	0	0	930
ALL HOURS	54.6	7.840	7440	0	1	886	10	0	7440

MONTH: APR

00-02	53.5	5.453	900	0	0	32	0	0	900
03-05	50.8	5.109	900	0	0	5	0	0	900
06-08	53.0	5.562	900	0	0	24	0	0	900
09-11	62.6	6.848	900	0	0	338	8	0	900
12-14	68.9	8.126	900	0	0	603	98	0	900
15-17	70.5	8.877	900	0	0	656	164	0	900
18-20	64.1	7.940	900	0	0	406	31	0	900
21-23	57.3	5.954	900	0	0	116	0	0	900
ALL HOURS	60.1	9.836	7200	0	0	2180	301	0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	58.7	6.578	930	0	0	181	4	0	930
03-05	55.4	5.957	930	0	0	71	0	0	930
06-08	59.8	6.894	930	0	0	211	5	0	930
09-11	69.8	7.940	930	0	0	656	124	3	930
12-14	75.8	8.866	930	0	0	862	362	33	930
15-17	78.9	9.264	928	0	0	869	443	59	928
18-20	72.6	8.970	927	0	0	747	219	12	927
21-23	63.6	7.238	927	0	0	377	13	0	927
ALL HOURS	66.7	11.316	7432	0	0	3974	1170	107	7432

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	64.4	6.247	900	0	0	415	10	0	900
03-05	60.6	5.406	900	0	0	205	0	0	900
06-08	65.4	6.659	900	0	0	467	21	0	900
09-11	75.9	7.981	900	0	0	831	306	11	900
12-14	83.7	9.335	900	0	0	889	621	152	900
15-17	86.7	8.589	900	0	0	895	724	244	900
18-20	81.0	8.693	900	0	0	869	527	88	900
21-23	70.8	7.044	900	0	0	706	107	0	900
ALL HOURS	73.6	11.792	7200	0	0	5277	2316	495	7200

E - 5 - 1 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	69.3	6.653	930	0	0	679	72	0	930
03-05	64.6	5.915	930	0	0	441	8	0	930
06-08	68.9	6.697	930	0	0	672	66	0	930
09-11	79.8	7.173	930	0	0	923	486	28	930
12-14	88.2	7.362	930	0	0	930	812	279	930
15-17	91.7	7.441	930	0	0	930	869	464	930
18-20	86.0	7.954	930	0	0	930	721	211	930
21-23	75.6	6.809	930	0	0	888	291	1	930
ALL HOURS	78.0	11.707	7440	0	0	6393	3325	983	7440

MONTH: AUG

00-02	67.6	5.658	930	0	0	634	36	0	930
03-05	62.9	4.815	930	0	0	316	7	0	930
06-08	66.1	6.102	930	0	0	519	33	0	930
09-11	77.8	6.456	930	0	0	924	337	16	930
12-14	86.5	6.488	930	0	0	928	807	170	930
15-17	90.1	6.433	930	0	0	927	893	334	930
18-20	82.9	7.120	930	0	0	925	620	92	930
21-23	73.6	5.892	930	0	0	873	141	2	930
ALL HOURS	75.9	11.244	7440	0	0	6046	2874	614	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	63.9	6.438	900	0	0	387	13	0	900
03-05	60.1	5.655	900	0	0	173	1	0	900
06-08	61.9	6.507	900	0	0	291	8	0	900
09-11	73.3	7.758	900	0	0	776	193	6	900
12-14	81.2	8.616	900	0	0	865	533	83	900
15-17	83.4	9.143	900	0	0	878	601	137	900
18-20	75.2	8.506	900	0	0	803	280	21	900
21-23	68.0	6.847	900	0	0	595	53	0	900
ALL HOURS	70.9	11.109	7200	0	0	4768	1682	247	7200

MONTH: OCT

00-02	57.2	6.291	930	0	0	103	0	0	930
03-05	54.3	5.860	930	0	0	31	0	0	930
06-08	54.6	6.286	930	0	0	62	0	0	930
09-11	65.7	7.701	930	0	0	499	41	0	930
12-14	73.2	8.341	930	0	0	789	204	13	930
15-17	73.9	9.025	930	0	0	783	241	26	930
18-20	65.2	7.550	930	0	0	488	32	0	930
21-23	60.1	6.563	930	0	0	218	1	0	930
ALL HOURS	63.0	10.515	7440	0	0	2973	519	39	7440

E - 5 - 1 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837 STATION NAME: REALE AFB/MARYSVILLE CA PERIOD OF RECORD: JUN 80 - MAY 90
LST TO UTC: + 8 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	48.8	6.013	900	0	8	1	0	0	900
03-05	47.1	6.460	900	0	18	0	0	0	900
06-08	46.6	6.678	900	0	20	2	0	0	900
09-11	54.2	6.820	900	0	0	58	0	0	900
12-14	59.8	7.745	900	0	0	256	4	0	900
15-17	52.4	7.830	900	0	0	244	3	0	900
18-20	53.3	6.724	900	0	0	33	0	0	900
21-23	50.3	5.894	900	0	1	6	0	0	900
ALL HOURS	52.4	8.276	7200	0	47	600	7	0	7200

MONTH: DEC

00-02	43.6	6.337	930	0	17	0	0	0	930
03-05	42.4	6.805	930	0	58	0	0	0	930
06-08	41.9	6.965	930	0	73	0	0	0	930
09-11	46.3	6.672	930	0	11	2	0	0	930
12-14	51.5	6.790	930	0	0	11	0	0	930
15-17	51.4	6.593	930	0	0	8	0	0	930
18-20	46.7	5.765	930	0	0	0	0	0	930
21-23	44.6	6.114	930	0	11	0	0	0	930
ALL HOURS	46.3	7.394	7440	0	170	21	0	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	55.6	10.813	10956	0	57	2432	135	0	10956
03-05	52.8	9.693	10956	0	146	1242	16	0	10956
06-08	54.4	11.529	10956	0	209	2248	133	0	10956
09-11	63.2	13.742	10956	0	21	5076	1495	64	10956
12-14	70.0	15.054	10956	0	0	6574	3443	730	10956
15-17	71.6	16.207	10954	0	0	6762	3947	1264	10954
18-20	65.4	15.414	10953	0	0	5334	2430	424	10953
21-23	59.2	12.438	10953	0	20	3784	606	3	10953
ALL HOURS	61.5	14.889	87640	0	453	33452	12205	2485	87640

E - 5 - 1 - 7

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
IST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	40.6	5.520	930	52	59	0	0	0	930
03-05	39.7	5.850	930	119	54	0	0	0	930
06-08	39.1	6.116	930	158	52	0	0	0	930
09-11	42.6	5.510	930	20	102	0	0	0	930
12-14	45.9	5.133	929	0	236	0	0	0	929
15-17	46.3	5.145	929	0	246	0	0	0	929
18-20	43.5	5.068	930	3	118	0	0	0	930
21-23	41.8	5.278	929	26	79	0	0	0	929
ALL HOURS	42.4	6.010	7437	378	946	0	0	0	7437

MONTH: FEB

00-02	43.1	6.420	846	40	143	0	0	0	846
03-05	41.8	6.711	846	68	117	0	0	0	846
06-08	41.0	6.896	846	90	105	0	0	0	846
09-11	46.3	6.094	846	17	279	0	0	0	846
12-14	49.9	5.702	846	4	467	2	0	0	846
15-17	50.4	5.764	846	1	493	1	0	0	846
18-20	47.4	6.005	846	15	339	0	0	0	846
21-23	45.0	6.225	846	27	197	0	0	0	846
ALL HOURS	45.6	7.059	6768	262	2140	3	0	0	6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	46.5	4.972	930	1	242	0	0	0	930
03-05	44.9	5.287	930	5	187	0	0	0	930
06-08	45.2	5.270	930	3	199	0	0	0	930
09-11	50.1	4.622	930	0	499	0	0	0	930
12-14	52.9	5.024	930	0	693	2	0	0	930
15-17	53.1	5.211	930	0	684	4	0	0	930
18-20	50.7	5.187	930	0	537	0	0	0	930
21-23	48.0	5.010	930	0	355	0	0	0	930
ALL HOURS	48.9	5.917	7440	9	3396	6	0	0	7440

MONTH: APR

00-02	48.3	5.073	900	0	375	0	0	0	900
03-05	46.5	4.979	900	0	253	0	0	0	900
06-08	48.0	5.033	900	0	346	0	0	0	900
09-11	53.5	4.964	900	0	703	4	0	0	900
12-14	56.3	5.435	900	0	808	28	0	0	900
15-17	56.4	5.767	900	0	799	51	0	0	900
18-20	54.1	5.938	900	0	684	18	0	0	900
21-23	50.7	5.289	900	0	521	0	0	0	900
ALL HOURS	51.7	6.465	7200	0	4489	101	0	0	7200

E - 5 - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	51.6	5.187	930	0	582	0	0	0	930
03-05	49.7	4.982	930	0	441	0	0	0	930
06-08	52.3	5.083	930	0	640	0	0	0	930
09-11	57.2	5.122	930	0	879	41	0	0	930
12-14	59.8	5.255	930	0	919	124	2	0	930
15-17	59.8	5.411	928	0	915	125	6	0	928
18-20	57.9	5.478	927	0	869	66	3	0	927
21-23	54.3	5.345	927	0	748	12	0	0	927
ALL HOURS	55.3	6.355	7432	0	5993	368	11	0	7432

MONTH: JUN

00-02	55.6	4.076	900	0	825	5	0	0	900
03-05	54.0	3.975	900	0	770	2	0	0	900
06-08	56.5	4.175	900	0	853	7	0	0	900
09-11	61.3	4.242	900	0	897	113	3	0	900
12-14	64.1	4.298	900	0	900	272	14	0	900
15-17	64.3	4.557	900	0	900	305	17	0	900
18-20	62.6	4.660	900	0	899	189	5	0	900
21-23	58.6	4.339	900	0	881	33	1	0	900
ALL HOURS	59.6	5.708	7200	0	6925	926	40	0	7200

E - 5 - 2 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	57.9	4.372	930	0	922	31	1	0	930
03-05	56.0	4.128	930	0	892	5	0	0	930
06-08	58.4	4.032	930	0	924	19	0	0	930
09-11	63.7	3.967	930	0	930	240	10	0	930
12-14	66.9	4.112	930	0	930	482	80	0	930
15-17	67.0	4.488	930	0	930	481	107	0	930
18-20	65.2	4.505	930	0	930	361	50	0	930
21-23	60.9	4.599	930	0	930	119	7	0	930
ALL HOURS	62.0	5.867	7440	0	7388	1738	255	0	7440

MONTH: AUG

00-02	57.4	3.263	930	0	925	9	0	0	930
03-05	55.6	3.289	930	0	911	6	0	0	930
06-08	57.3	3.424	930	0	921	14	0	0	930
09-11	63.0	3.020	930	0	930	113	3	0	930
12-14	66.4	2.929	930	0	930	458	15	0	930
15-17	66.7	3.124	930	0	930	492	30	0	930
18-20	64.3	3.369	930	0	930	246	8	0	930
21-23	60.1	3.311	930	0	930	26	0	0	930
ALL HOURS	61.3	5.164	7440	0	7407	1364	56	0	7440

E - 5 - 2 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	55.1	4.544	900	0	802	3	0	0	900
03-05	53.3	4.525	900	0	724	3	0	0	900
06-08	54.4	4.657	900	0	763	4	0	0	900
09-11	60.1	4.031	900	0	899	60	0	0	900
12-14	63.3	4.271	899	0	899	219	9	0	899
15-17	63.5	4.505	900	0	900	240	17	0	900
18-20	60.5	4.732	900	0	896	101	6	0	900
21-23	57.0	4.460	900	0	870	18	0	0	900
ALL HOURS	58.4	5.829	7199	0	6753	648	32	0	7199

MONTH: OCT

00-02	51.0	4.904	930	0	612	0	0	0	930
03-05	49.3	4.954	930	0	473	0	0	0	930
06-08	49.6	5.139	930	0	479	0	0	0	930
09-11	55.7	4.730	930	0	828	4	0	0	930
12-14	59.0	4.576	930	0	901	31	0	0	930
15-17	58.9	4.874	930	0	889	40	0	0	930
18-20	55.2	4.733	930	0	801	1	0	0	930
21-23	52.6	4.688	930	0	705	0	0	0	930
ALL HOURS	53.9	6.092	7440	0	5688	76	0	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	45.0	5.783	900	19	200	0	0	0	900
03-05	43.8	6.281	900	30	182	0	0	0	900
06-08	43.4	6.500	900	40	170	0	0	0	900
09-11	48.7	5.359	900	2	403	0	0	0	900
12-14	51.5	5.158	900	0	553	0	0	0	900
15-17	51.3	5.319	900	0	536	0	0	0	900
18-20	48.0	5.303	900	2	359	0	0	0	900
21-23	46.2	5.536	900	8	251	0	0	0	900
ALL HOURS	47.2	6.366	7200	101	2654	0	0	0	7200

MONTH: DEC

00-02	41.0	6.225	930	78	97	0	0	0	930
03-05	39.9	6.604	930	120	84	0	0	0	930
06-08	39.5	6.736	930	143	84	0	0	0	930
09-11	43.0	5.976	930	28	131	0	0	0	930
12-14	46.2	5.374	930	0	280	0	0	0	930
15-17	46.1	5.318	928	0	277	0	0	0	928
18-20	43.3	5.472	930	4	137	0	0	0	930
21-23	41.7	5.948	930	44	104	0	0	0	930
ALL HOURS	42.6	6.438	7438	417	1194	0	0	0	7438

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	49.5	7.912	10956	190	5784	48	1	0	10956
03-05	47.9	7.774	10956	342	5088	16	0	0	10956
06-08	48.8	8.669	10956	434	5536	44	0	0	10956
09-11	53.8	8.773	10956	67	7480	575	16	0	10956
12-14	56.9	8.707	10954	4	8516	1618	120	0	10954
15-17	57.0	8.818	10951	1	8499	1739	177	0	10951
18-20	54.4	9.104	10953	24	7499	982	72	0	10953
21-23	51.4	8.363	10952	105	6571	208	8	0	10952
ALL HOURS	52.5	9.164	87634	1167	54973	5230	394	0	87634

E - 5 - 2 - 7

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	37.6	6.795	930	66	515	930	0	930
03-05	36.8	6.896	930	90	482	930	0	930
06-08	36.3	7.140	930	120	458	930	0	930
09-11	39.1	6.335	930	27	611	928	0	930
12-14	40.7	6.348	929	23	705	926	0	929
15-17	40.9	6.607	929	29	704	927	0	929
18-20	39.6	6.885	930	36	645	930	0	930
21-23	38.4	7.040	929	52	579	929	0	929
ALL HOURS	38.7	6.987	7437	442	4699	7430	0	7437

MONTH: FEB

00-02	39.0	8.422	846	71	545	844	0	846
03-05	37.9	8.355	846	80	480	846	0	846
06-08	37.4	8.360	846	99	457	846	0	846
09-11	40.7	8.296	846	47	603	840	0	846
12-14	41.9	8.810	846	53	644	826	0	846
15-17	41.8	9.316	846	67	634	815	1	846
18-20	41.7	8.746	846	61	641	821	0	846
21-23	40.3	8.642	846	70	600	835	0	846
ALL HOURS	40.1	8.812	6768	548	4604	6673	1	6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	42.2	7.069	930	28	750	911	0	930
03-05	41.1	7.087	930	36	716	916	0	930
06-08	41.5	6.953	930	30	724	921	0	930
09-11	44.2	6.902	930	24	800	903	0	930
12-14	44.8	7.643	930	30	808	879	0	930
15-17	44.1	7.985	930	37	778	866	0	930
18-20	44.4	7.530	930	27	796	877	0	930
21-23	43.0	7.386	930	28	763	899	0	930
ALL HOURS	43.2	7.464	7440	240	6135	7172	0	7440

MONTH: APR

00-02	42.8	7.076	900	21	738	885	0	900
03-05	41.7	6.773	900	23	696	894	0	900
06-08	42.9	6.577	900	12	734	892	0	900
09-11	45.2	6.955	900	15	788	858	0	900
12-14	45.4	7.972	900	22	760	819	0	900
15-17	43.9	8.857	900	40	714	819	0	900
18-20	45.0	8.488	900	29	760	811	2	900
21-23	44.2	7.542	900	16	768	854	0	900
ALL HOURS	43.9	7.687	7200	178	5958	6832	2	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	45.0	6.290	930	0	843	887	0	930
03-05	44.2	5.958	930	3	826	908	0	930
06-08	45.6	5.815	930	1	872	899	0	930
09-11	46.8	6.480	930	1	871	844	0	930
12-14	46.2	7.468	930	5	820	840	1	930
15-17	44.3	8.042	928	21	757	850	0	928
18-20	45.7	7.534	927	10	810	842	7	927
21-23	46.1	6.727	927	3	845	863	0	927
ALL HOURS	45.5	6.926	7432	44	6644	6933	8	7432

MONTH: JUN

00-02	48.3	5.343	900	1	877	850	0	900
03-05	48.2	4.833	900	0	882	859	0	900
06-08	49.4	4.724	900	0	888	825	0	900
09-11	50.8	5.128	900	0	887	752	0	900
12-14	50.4	6.272	900	0	876	702	5	900
15-17	48.3	7.444	900	3	834	736	1	900
18-20	49.1	7.231	900	2	842	738	3	900
21-23	49.0	6.078	900	0	864	799	2	900
ALL HOURS	49.2	6.070	7200	6	6950	6261	11	7200

E - 5 - 3 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837 STATION NAME: BEALE AFB/MARYSVILLE CA PERIOD OF RECORD: JUN 80 - MAY 90
LST TO UTC: + 8 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	48.9	5.831	930	0	909	812	4	930
03-05	49.0	5.151	930	0	922	826	0	930
06-08	50.3	4.444	930	0	928	812	0	930
09-11	52.8	4.624	930	0	929	668	6	930
12-14	53.3	5.666	930	0	925	583	15	930
15-17	50.7	7.164	930	0	908	679	16	930
18-20	51.0	7.054	930	0	907	650	14	930
21-23	49.8	6.674	930	0	900	733	9	930
ALL HOURS	50.7	6.129	7440	0	7328	5763	64	7440

MONTH: AUG

00-02	49.1	4.697	930	0	924	874	4	930
03-05	49.4	4.176	930	0	925	884	2	930
06-08	50.5	3.845	930	0	928	859	2	930
09-11	52.8	3.846	930	0	930	726	2	930
12-14	53.6	4.635	930	0	926	611	1	930
15-17	51.2	6.143	930	2	911	689	0	930
18-20	51.6	5.756	930	1	916	702	2	930
21-23	49.9	5.257	930	1	911	829	1	930
ALL HOURS	51.0	5.131	7440	4	7371	6174	14	7440

E - 5 - 3 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BRALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	47.5	6.593	900	10	849	823	3	900
03-05	47.2	6.254	900	7	851	843	3	900
06-08	48.0	6.158	900	2	859	829	5	900
09-11	50.1	5.905	900	0	879	758	4	900
12-14	50.6	6.429	899	0	873	695	4	899
15-17	49.3	7.013	900	0	860	719	7	900
18-20	49.4	6.867	900	3	862	719	7	900
21-23	47.8	6.917	900	6	844	786	4	900
ALL HOURS	48.7	6.668	7199	28	6877	6172	37	7199

MONTH: OCT

00-02	45.1	6.473	930	13	839	891	0	930
03-05	44.3	6.423	930	17	826	898	0	930
06-08	44.7	6.289	930	15	845	897	0	930
09-11	47.3	6.297	930	10	878	860	1	930
12-14	47.7	6.552	930	11	873	851	0	930
15-17	46.9	6.935	930	16	854	862	0	930
18-20	46.6	6.488	930	16	862	864	0	930
21-23	45.6	6.620	930	14	837	895	0	930
ALL HOURS	46.0	6.648	7440	112	6814	7018	1	7440

E - 5 - 3 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837 STATION NAME: BEALE AFB/MARYSVILLE CA PERIOD OF RECORD: JUN 80 - MAY 90
LST TO UTC: + 8 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	40.9	7.272	900	40	646	886	0	900
03-05	39.9	7.623	900	57	598	891	0	900
06-08	39.7	7.693	900	53	598	889	0	900
09-11	43.1	6.724	900	11	747	871	0	900
12-14	43.5	7.005	900	15	757	866	0	900
15-17	43.4	7.288	900	16	744	860	0	900
18-20	42.5	7.055	900	17	722	875	0	900
21-23	41.7	6.990	900	29	691	881	0	900
ALL HOURS	41.8	7.394	7200	238	5503	7019	0	7200

MONTH: DEC

00-02	37.6	7.546	930	86	539	930	0	930
03-05	36.7	7.809	930	121	467	929	0	930
06-08	36.3	7.845	930	139	455	927	0	930
09-11	39.1	7.110	930	48	594	925	0	930
12-14	40.5	7.119	930	30	664	927	0	930
15-17	40.4	7.257	928	41	661	924	0	930
18-20	39.2	7.194	930	43	614	930	0	930
21-23	38.1	7.564	930	71	573	930	0	930
ALL HOURS	38.5	7.609	7438	579	4567	7422	0	7438

E - 5 - 3 - 6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	43.7	7.863	10956	336	8974	10523	11	10956
03-05	43.1	7.970	10956	434	8671	10624	5	10956
06-08	43.6	8.265	10956	471	8746	10526	7	10956
09-11	46.0	7.922	10956	183	9517	9933	13	10956
12-14	46.6	8.215	10954	189	9631	9525	26	10954
15-17	45.4	8.380	10951	271	9359	9746	25	10951
18-20	45.5	8.342	10953	245	9377	9759	35	10953
21-23	44.5	8.104	10952	290	9175	10233	16	10952
ALL HOURS	44.8	8.221	87634	2419	73450	80869	138	87634

E - 5 - 3 - 7

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	99.9	99.6	98.7	98.0	96.2	90.8	63.7	21.7	81.8	930
03-05	100.0	100.0	99.9	98.9	98.0	96.6	92.0	65.2	21.8	82.4	930
06-08	100.0	100.0	100.0	99.8	98.6	97.4	90.8	68.6	25.7	83.1	930
09-11	100.0	100.0	99.8	99.4	97.6	93.0	78.2	55.3	18.4	78.9	930
12-14	100.0	99.9	99.0	96.3	89.9	73.2	52.9	32.7	11.6	70.2	929
15-17	100.0	99.8	98.9	95.7	87.8	70.9	51.6	33.8	9.5	69.3	929
18-20	100.0	99.7	98.4	97.5	95.6	90.2	78.2	51.8	14.5	77.4	930
21-23	100.0	99.8	98.8	97.6	96.6	94.5	87.5	59.6	18.1	80.3	929
ALL HOURS	100.0	99.9	99.3	98.0	95.3	89.0	77.7	53.8	17.7	77.9	7437

MONTH: FEB

00-02	100.0	100.0	99.8	98.1	95.4	88.1	74.9	46.7	9.0	75.8	846
03-05	100.0	100.0	99.9	99.6	97.2	90.7	75.4	47.4	12.2	77.0	846
06-08	100.0	100.0	100.0	99.6	98.8	92.8	78.0	53.1	15.1	78.4	846
09-11	100.0	100.0	99.2	95.5	87.8	73.5	50.0	28.7	6.1	68.6	846
12-14	100.0	100.0	95.3	85.7	69.1	45.9	23.0	11.1	1.4	57.7	846
15-17	100.0	99.4	94.7	81.1	60.4	39.8	22.7	12.5	2.1	55.8	846
18-20	100.0	99.9	98.3	94.3	86.6	73.5	53.0	26.6	5.4	68.1	846
21-23	100.0	100.0	98.2	96.0	92.9	85.2	69.6	40.1	7.8	72.4	846
ALL HOURS	100.0	99.9	98.2	93.8	86.0	73.7	55.8	32.3	7.4	69.3	6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	99.9	99.2	97.8	95.2	86.1	68.6	45.2	11.5	74.7	930
03-05	100.0	100.0	99.9	98.5	96.9	89.1	73.3	52.2	15.9	77.1	930
06-08	100.0	100.0	99.7	99.2	97.1	89.8	74.7	51.6	17.4	77.5	930
09-11	100.0	99.9	98.2	95.3	85.2	68.6	42.5	22.6	5.9	66.4	930
12-14	100.0	99.5	94.0	85.2	67.4	42.8	19.9	9.8	3.0	56.8	930
15-17	100.0	99.0	91.5	77.5	56.3	34.6	18.2	8.9	2.6	53.4	930
18-20	100.0	99.6	97.4	93.2	82.2	65.2	40.5	21.5	4.4	64.8	930
21-23	100.0	99.5	98.0	97.1	92.6	80.2	58.7	35.3	7.8	71.3	930
ALL HOURS	100.0	99.7	97.2	93.0	84.1	69.6	49.6	30.9	8.6	67.8	7440

MONTH: APR

00-02	100.0	99.9	99.3	97.4	92.0	76.0	48.9	21.2	3.7	68.3	900
03-05	100.0	100.0	100.0	98.8	94.4	82.0	60.4	31.6	6.0	71.8	900
06-08	100.0	100.0	99.9	98.6	92.0	78.2	53.0	24.2	4.1	69.5	900
09-11	100.0	99.8	95.1	85.1	66.2	40.3	15.1	4.8	.3	55.1	900
12-14	100.0	97.7	84.8	64.6	37.2	15.6	5.0	1.8		45.2	900
15-17	100.0	95.3	76.0	49.2	27.1	12.8	5.3	2.6	.3	41.1	900
18-20	100.0	98.7	91.6	77.3	56.2	35.4	14.8	5.2		52.4	900
21-23	100.0	99.7	99.2	95.1	82.7	62.3	33.3	12.6	1.4	63.0	900
ALL HOURS	100.0	98.9	93.2	83.3	68.5	50.3	29.5	13.0	2.0	58.3	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	99.6	95.8	85.1	59.0	27.2	5.3	.3	61.6	930
03-05	100.0	100.0	99.7	98.6	92.9	77.7	42.8	10.3	.4	66.8	930
06-08	100.0	100.0	99.6	94.4	82.2	56.1	23.1	6.8	.1	60.6	930
09-11	100.0	99.7	92.0	69.4	34.4	11.1	3.9	1.8		45.5	930
12-14	100.0	95.1	67.4	31.6	9.8	4.3	2.6	.9		35.8	930
15-17	100.0	86.3	49.7	19.2	7.2	3.9	2.4	1.2		31.4	928
18-20	100.0	97.4	79.1	46.2	23.7	7.8	3.2	1.8	.1	40.4	927
21-23	100.0	100.0	98.3	87.1	65.6	35.7	9.7	2.9	.2	54.3	927
ALL HOURS	100.0	97.3	85.7	67.8	50.1	32.0	14.4	3.9	.1	49.6	7432

MONTH: JUN

00-02	100.0	99.8	98.1	89.7	73.0	50.0	16.9	2.4		57.5	900
03-05	100.0	100.0	99.6	97.0	88.7	72.4	38.4	7.9	.2	64.8	900
06-08	100.0	100.0	99.3	91.1	74.0	47.0	16.2	3.8	.1	57.6	900
09-11	100.0	98.4	87.6	62.6	28.3	5.4	2.1	.6	.1	43.1	900
12-14	100.0	92.8	60.7	29.2	4.8	2.0	.4			33.3	900
15-17	100.0	79.6	42.2	12.2	3.2	.9	.4	.1		28.3	900
18-20	100.0	90.8	63.9	33.3	12.0	3.4	1.3	.3		35.0	900
21-23	100.0	99.7	91.9	70.8	47.4	17.9	5.0	.9		47.8	900
ALL HOURS	100.0	95.1	80.4	60.7	41.4	24.9	10.1	2.0	.1	45.9	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	96.2	79.7	50.8	20.1	4.9	.8		49.6	930
03-05	100.0	100.0	99.0	94.6	79.0	46.9	16.3	2.6		58.1	930
06-08	100.0	100.0	98.8	88.4	60.9	26.8	6.7	.9		52.8	930
09-11	100.0	99.8	88.6	52.4	14.5	2.3	.4			40.2	930
12-14	100.0	94.4	58.7	13.2	2.6	.5	.3	.3	.2	31.5	930
15-17	100.0	78.6	29.0	4.5	1.5	.5	.3	.2		25.9	930
18-20	100.0	91.0	55.4	21.7	3.8	1.0	.3	.1		31.6	930
21-23	100.0	98.8	86.7	58.5	22.3	4.6	.9	.1		41.7	930
ALL HOURS	100.0	95.3	76.6	51.6	29.4	12.8	3.8	.6	.0	41.4	7440

MONTH: AUG

00-02	100.0	100.0	96.8	84.6	63.0	33.7	8.4	1.6	.4	53.3	930
03-05	100.0	100.0	99.7	97.1	86.1	64.8	28.9	4.3	.3	62.5	930
06-08	100.0	99.9	99.1	92.5	76.2	51.3	17.5	2.9	.3	58.5	930
09-11	100.0	99.5	91.2	64.8	26.7	3.5	.6	.1		43.2	930
12-14	100.0	94.9	67.4	26.7	3.2	.3	.2	.2	.2	33.7	930
15-17	100.0	82.2	40.0	10.2	.9	.6	.5	.2	.1	28.0	930
18-20	100.0	93.8	68.0	35.3	10.2	1.9	.8	.3	.1	35.7	930
21-23	100.0	99.5	88.9	66.8	35.9	10.4	1.7	.3	.2	44.8	930
ALL HOURS	100.0	96.2	81.4	59.7	37.8	20.8	7.3	1.3	.2	45.0	7440

OPERATING LOCATION "A"
US: FETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	99.9	97.4	85.3	65.9	44.6	22.1	9.0	2.6	57.2	900
03-05	100.0	100.0	99.0	95.8	83.8	64.6	34.3	15.0	3.1	64.0	900
06-08	100.0	99.9	98.8	93.1	78.6	57.3	31.7	13.0	3.0	62.1	900
09-11	100.0	99.0	88.2	63.2	39.4	17.4	7.4	3.9	1.4	46.6	900
12-14	100.0	94.7	66.6	34.8	14.3	6.8	3.4	1.7	1.1	36.9	899
15-17	100.0	88.2	51.3	25.4	11.3	6.4	2.6	1.3	.3	33.2	900
18-20	100.0	98.2	80.0	52.3	28.4	14.8	6.6	2.8	.8	42.9	900
21-23	100.0	99.6	93.9	71.1	48.7	27.7	14.4	5.9	1.6	50.7	900
ALL HOURS	100.0	97.4	84.4	65.1	46.3	29.9	15.3	6.6	1.7	49.2	7199

MONTH: OCT

00-02	100.0	100.0	98.9	94.3	84.9	68.4	42.6	19.7	5.4	65.8	930
03-05	100.0	100.0	99.8	97.6	91.4	80.2	54.2	28.1	5.7	70.3	930
06-08	100.0	100.0	99.9	97.3	91.3	80.8	56.1	30.2	5.9	70.6	930
09-11	100.0	99.6	94.4	80.8	58.6	34.6	16.6	8.5	2.7	54.0	930
12-14	100.0	97.6	82.9	54.0	26.7	12.3	6.0	3.3	1.1	42.9	930
15-17	100.0	96.2	77.6	46.6	23.9	11.5	6.5	3.5	1.7	41.1	930
18-20	100.0	99.7	93.9	79.9	56.0	33.2	16.7	8.1	2.7	53.5	930
21-23	100.0	100.0	97.4	88.7	75.4	53.5	31.1	14.6	3.4	61.0	930
ALL HOURS	100.0	99.1	93.1	79.9	63.5	46.8	28.7	14.5	3.6	57.4	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.9	98.8	94.3	87.8	75.0	41.6	6.9	75.1	900
03-05	100.0	100.0	100.0	99.3	97.0	90.8	78.2	47.9	6.8	76.7	900
06-08	100.0	100.0	100.0	99.9	97.4	91.6	81.0	48.3	8.2	77.4	900
09-11	100.0	99.9	98.9	94.3	86.1	71.3	51.4	27.8	5.1	68.1	900
12-14	100.0	98.9	94.4	83.0	64.7	46.0	27.9	15.2	2.4	57.8	900
15-17	100.0	99.0	93.7	83.6	65.8	48.2	30.2	16.0	2.3	58.4	900
18-20	100.0	100.0	99.6	94.4	87.3	74.4	52.4	27.7	3.4	68.6	900
21-23	100.0	100.0	99.9	97.8	94.1	84.8	68.9	35.8	4.9	73.2	900
ALL HOURS	100.0	99.7	98.3	93.9	85.8	74.4	58.1	32.5	5.0	69.4	7200

MONTH: DEC

00-02	100.0	100.0	99.7	99.5	98.1	93.4	84.9	57.2	20.2	80.0	930
03-05	100.0	100.0	100.0	99.7	98.3	94.5	84.9	56.7	19.9	80.5	930
06-08	100.0	100.0	100.0	99.9	98.3	94.6	86.2	59.4	19.7	80.8	930
09-11	100.0	99.8	99.5	98.4	94.8	88.9	74.6	50.5	16.8	77.1	930
12-14	100.0	99.4	97.8	94.1	86.3	68.6	50.8	30.9	11.1	68.4	930
15-17	100.0	99.4	97.6	94.3	86.4	70.0	52.0	31.4	10.1	68.5	928
18-20	100.0	99.6	98.8	98.1	95.9	90.0	74.0	45.7	16.3	76.3	930
21-23	100.0	99.5	99.0	98.4	96.7	92.3	83.0	54.5	19.6	79.0	930
ALL HOURS	100.0	99.7	99.1	97.8	94.4	86.6	73.8	48.3	16.7	76.3	7438

OPERATING LOCATION "A"
USAFETAC, FORT BREVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	99.9	98.7	93.3	82.9	66.8	47.0	26.1	6.8	66.7	10956
03-05	100.0	100.0	99.7	98.0	91.9	79.1	56.5	30.7	7.7	71.0	10956
06-08	100.0	100.0	99.6	96.1	87.0	71.9	51.1	30.1	8.3	69.0	10956
09-11	100.0	99.6	94.4	80.0	59.8	42.4	28.5	17.0	4.8	57.2	10956
12-14	100.0	97.1	80.7	58.0	39.5	26.5	16.1	9.0	2.7	47.5	10954
15-17	100.0	91.9	70.0	49.8	35.9	25.0	16.1	9.3	2.4	44.5	10951
18-20	100.0	97.3	85.3	68.5	53.0	40.8	28.4	16.0	4.0	53.8	10953
21-23	100.0	99.7	95.8	85.3	70.8	53.9	38.5	21.8	5.4	61.6	10952
ALL HOURS	100.0	98.2	90.5	78.6	65.1	50.8	35.3	20.0	5.3	58.9	87634

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFFF
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	FFFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

F - 1 - 1

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA

PERIOD OF RECORD: JUN 80 - MAY 90

LST TO UTC: + 8

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	1021.0	1019.1	1016.9	1015.5	1013.4	1011.9	1011.5	1011.3	1012.0	1015.7	1018.4	1020.7	1015.6
	SD	5.982	5.395	5.404	3.948	3.551	2.972	2.970	2.814	3.264	3.596	5.319	5.298	5.553
	TOT OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
0400	MEAN	1021.0	1019.0	1016.7	1015.4	1013.6	1012.2	1011.9	1011.7	1012.2	1015.8	1018.3	1020.6	1015.7
	SD	6.052	5.445	5.541	4.076	3.332	2.986	2.895	2.779	3.238	3.515	5.483	5.442	5.500
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0700	MEAN	1021.4	1019.6	1017.5	1016.5	1014.6	1013.2	1013.1	1013.0	1013.4	1016.8	1018.9	1020.9	1016.6
	SD	6.091	5.452	5.613	4.116	3.389	3.000	2.902	2.770	3.260	3.508	5.621	5.602	5.365
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1000	MEAN	1022.4	1020.4	1018.2	1016.5	1014.7	1013.2	1013.3	1013.2	1013.7	1017.3	1019.7	1022.0	1017.1
	SD	6.086	5.492	5.610	4.079	3.427	3.006	2.913	2.758	3.245	3.510	5.629	5.721	5.575
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1300	MEAN	1020.8	1019.0	1017.0	1015.7	1013.6	1012.2	1012.2	1011.9	1012.3	1015.6	1018.2	1020.1	1015.7
	SD	5.864	5.480	5.466	3.969	3.489	3.036	2.957	2.843	3.271	3.501	5.416	5.835	5.433
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1600	MEAN	1019.9	1017.8	1015.7	1014.3	1012.0	1010.7	1010.5	1010.1	1010.7	1014.4	1017.3	1019.5	1014.4
	SD	5.757	5.350	5.328	3.872	3.527	3.081	3.036	2.914	3.311	3.640	5.318	5.599	5.581
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
1900	MEAN	1020.2	1018.2	1015.8	1014.2	1011.8	1010.4	1010.1	1009.7	1010.7	1014.8	1017.7	1020.0	1014.5
	SD	5.840	5.365	5.193	3.848	3.481	3.055	3.032	2.889	3.320	3.693	5.314	5.364	5.739
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
2200	MEAN	1020.9	1018.8	1016.7	1015.4	1013.1	1011.7	1011.3	1011.0	1011.7	1015.6	1018.4	1020.8	1015.4
	SD	5.930	5.479	5.247	3.872	3.394	3.012	2.976	2.888	3.227	3.678	5.317	5.214	5.600
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
ALL HOURS	MEAN	1021.0	1019.0	1016.8	1015.5	1013.4	1011.9	1011.7	1011.5	1012.1	1015.7	1018.4	1020.6	1015.6
	SD	5.994	5.484	5.482	4.069	3.562	3.166	3.148	3.056	3.422	3.691	5.471	5.554	5.610
	TOT OBS	2480	2256	2480	2400	2477	2399	2480	2480	2400	2480	2400	2480	29212

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	30.15	30.09	30.03	29.99	29.93	29.89	29.87	29.87	29.89	30.00	30.07	30.14	29.99
	SD	.176	.159	.159	.116	.098	.088	.088	.083	.096	.105	.155	.155	.162
	TOT OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
0400	MEAN	30.15	30.09	30.02	29.99	29.93	29.89	29.89	29.88	29.89	30.00	30.07	30.14	29.99
	SD	.178	.160	.163	.119	.097	.088	.085	.082	.095	.103	.161	.160	.161
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0700	MEAN	30.16	30.11	30.05	30.02	29.96	29.92	29.92	29.92	29.93	30.03	30.09	30.15	30.02
	SD	.179	.160	.164	.121	.099	.088	.086	.081	.096	.102	.166	.164	.157
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1000	MEAN	30.19	30.13	30.07	30.03	29.97	29.92	29.93	29.92	29.94	30.04	30.11	30.18	30.04
	SD	.179	.162	.165	.119	.100	.088	.085	.081	.095	.103	.166	.168	.163
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1300	MEAN	30.14	30.09	30.00	29.99	29.93	29.89	29.89	29.88	29.90	29.99	30.07	30.12	29.99
	SD	.173	.161	.161	.116	.102	.089	.087	.084	.096	.102	.159	.172	.159
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1600	MEAN	30.12	30.06	29.99	29.95	29.89	29.85	29.85	29.83	29.85	29.96	30.04	30.11	29.96
	SD	.169	.157	.157	.113	.104	.091	.090	.086	.098	.106	.156	.164	.163
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
1900	MEAN	30.13	30.07	30.00	29.95	29.88	29.84	29.83	29.82	29.85	29.97	30.05	30.12	29.96
	SD	.171	.158	.153	.113	.102	.090	.090	.085	.098	.108	.156	.158	.168
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
2200	MEAN	30.15	30.09	30.02	29.98	29.92	29.88	29.87	29.86	29.88	29.99	30.07	30.14	29.99
	SD	.174	.161	.154	.114	.099	.089	.088	.085	.095	.107	.156	.153	.164
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
ALL HOURS	MEAN	30.15	30.09	30.03	29.99	29.93	29.89	29.88	29.87	29.89	30.00	30.07	30.14	29.99
	SD	.176	.161	.161	.119	.104	.093	.093	.090	.101	.108	.161	.163	.164
	TOT OBS	2480	2256	2480	2400	2477	2399	2480	2480	2400	2480	2400	2480	29212

OPERATING LOCATION "A"
USAFETAC ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	30.02	29.97	29.90	29.86	29.80	29.76	29.74	29.74	29.76	29.87	29.94	30.01	29.86
	SD	.175	.158	.157	.115	.097	.086	.085	.081	.094	.105	.154	.155	.161
	TOT OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
0400	MEAN	30.02	29.96	29.89	29.86	29.80	29.76	29.76	29.75	29.76	29.87	29.94	30.01	29.87
	SD	.177	.158	.161	.118	.097	.086	.083	.080	.093	.103	.160	.159	.160
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0700	MEAN	30.03	29.98	29.92	29.89	29.83	29.79	29.79	29.79	29.80	29.90	29.96	30.02	29.89
	SD	.178	.159	.163	.120	.098	.087	.085	.080	.094	.102	.164	.163	.156
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1000	MEAN	30.06	30.00	29.94	29.90	29.84	29.79	29.80	29.79	29.81	29.91	29.98	30.05	29.91
	SD	.178	.161	.164	.119	.100	.087	.084	.081	.094	.103	.165	.167	.162
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1300	MEAN	30.01	29.96	29.90	29.87	29.80	29.76	29.76	29.75	29.77	29.86	29.94	29.99	29.87
	SD	.172	.160	.159	.115	.101	.087	.086	.082	.095	.102	.158	.171	.158
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1600	MEAN	29.99	29.93	29.86	29.82	29.76	29.72	29.72	29.71	29.72	29.83	29.91	29.98	29.83
	SD	.168	.155	.155	.112	.102	.088	.087	.083	.095	.106	.155	.163	.161
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
1900	MEAN	30.00	29.94	29.87	29.82	29.75	29.71	29.70	29.69	29.72	29.84	29.92	29.99	29.83
	SD	.170	.156	.151	.111	.101	.087	.087	.082	.095	.107	.155	.157	.166
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
2200	MEAN	30.02	29.96	29.90	29.86	29.79	29.75	29.74	29.73	29.75	29.86	29.94	30.01	29.86
	SD	.173	.160	.153	.113	.098	.087	.085	.083	.093	.106	.155	.152	.162
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
ALL HOURS	MEAN	30.02	29.96	29.90	29.86	29.80	29.76	29.75	29.74	29.76	29.87	29.94	30.01	29.86
	SD	.175	.160	.159	.118	.103	.091	.091	.088	.099	.107	.159	.162	.163
	TOT OBS	2480	2256	2480	2400	2477	2399	2480	2480	2400	2480	2400	2480	29212

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRRR	TTTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GGGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

G - 1 - 1

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASPEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	67.4	5.5		930	67.7	6.1		930	68.1	5.2	.1	930	78.2	4.1		930
CATEGORY B	68.9	6.2	.2	1000	68.7	7.0	.2	1020	69.1	5.6	.1	1066	80.4	5.6	.1	1066

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	87.4	7.2		930	78.7	5.4		930	72.3	7.5		930	72.5	8.1		930
CATEGORY B	87.6	8.0	.2	1012	79.6	6.3	.6	996	73.3	7.7	.4	996	73.5	8.5	.7	1008

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	76.9	5.9	.0	4650	74.0	6.1	.0	7440
CATEGORY B	78.0	6.6	.3	5136	75.1	6.9	.3	8164

G - 2 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	70.4	7.4	.1	846	70.9	6.9		846	70.1	5.9		846	82.0	6.6	.1	846
CATEGORY B	70.9	8.2	1.0	880	71.7	7.6	.5	881	71.3	6.9	.5	927	82.2	7.7	.4	911

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	90.1	12.5	.5	846	83.2	10.0	.2	846	72.2	7.7	.1	846	71.7	9.5	.1	846
CATEGORY B	90.6	14.5	1.2	904	83.6	11.6	.9	897	72.8	8.1	.7	880	72.1	10.1	.6	877

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	79.5	8.6	.2	4230	76.3	8.3	.1	6768
CATEGORY B	80.1	9.7	.8	4519	77.0	9.3	.7	7157

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAR

.....
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)
.....

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	79.8	11.5		930	75.5	8.0	.1	930	76.2	7.6	.3	930	88.1	9.8		930
CATEGORY B	80.0	12.2	.3	962	75.8	9.2	.6	971	77.2	9.1	.3	1005	88.2	11.4	.3	983

.....

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	96.3	16.2	.2	930	92.2	16.2	.5	930	81.3	9.7	.2	930	82.7	13.5		930
CATEGORY B	96.5	18.9	1.2	967	92.5	18.1	2.0	982	81.5	10.6	.6	959	82.8	14.2	.2	958

.....

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	86.8	11.9	.3	4650	84.0	11.6	.2	7440
CATEGORY B	87.1	13.6	.9	4896	84.3	12.9	.7	7787

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	77.8	6.1	.2	900	70.1	6.0	.2	900	75.9	6.2		900	90.0	9.2	.4	900
CATEGORY B	77.9	6.8	.3	906	70.8	6.1	.2	928	76.1	6.7		939	90.2	11.1	1.1	943

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	92.0	14.2	.7	900	91.1	15.3	.3	900	85.3	8.8		900	83.1	7.7		900
CATEGORY B	92.3	15.6	2.4	931	91.4	17.1	2.3	928	85.6	9.6	.3	917	83.4	8.5		916

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	86.9	10.8	.3	4500	83.2	9.2	.2	7200
CATEGORY B	87.1	12.0	1.2	4658	83.5	10.2	.8	7408

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	78.0	4.6		930	69.5	4.7		930	81.1	6.3		930	93.4	10.8		930
CATEGORY B	77.9	5.2		936	69.9	5.2		945	81.6	6.9		956	93.6	13.6	.1	956

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	96.9	21.8	.5	930	91.6	16.2	.6	928	80.6	7.9	.4	927	85.3	8.5	.1	927
CATEGORY B	96.9	23.3	1.1	949	91.9	17.8	1.6	963	81.1	8.3	.7	954	85.6	9.2	.1	947

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	88.7	12.6	.3	4645	84.5	10.1	.2	7432
CATEGORY B	89.0	14.0	.7	4778	84.9	11.2	.4	7606

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	81.2	3.3		900	73.4	3.3		900	84.1	4.8		900	96.7	11.4		900
CATEGORY B	81.4	3.8	.1	911	73.8	3.6		911	84.2	5.1		903	96.7	12.5	.2	902

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	98.1	20.1	.1	900	96.4	20.0	.4	900	85.2	5.9		900	87.3	7.0	.2	900
CATEGORY B	98.1	22.1	.9	901	96.5	21.9	1.7	907	85.1	6.4		904	87.4	7.6	.2	907

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	92.1	12.4	.1	4500	87.8	9.5	.1	7200
CATEGORY B	92.1	13.6	.6	4517	87.9	10.4	.4	7246

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	77.1	3.2		930	62.9	2.2		930	76.1	2.6		930	93.0	7.5		930
CATEGORY B	77.1	3.2		930	62.9	2.4		930	76.1	2.7		930	93.0	8.3	.1	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	98.1	19.0		930	98.3	17.0		930	85.6	3.3	.1	930	87.1	2.7		930
CATEGORY B	98.1	19.8		931	98.3	17.6	.3	930	85.6	3.5	.3	931	87.1	2.9		933

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	90.2	9.9	.0	4650	84.8	7.2	.0	7440
CATEGORY B	90.2	10.4	.2	4652	84.8	7.5	.1	7445

G - 2 - 7

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	75.7	2.8		930	62.2	1.1		930	71.0	1.1		930	91.7	6.0		930
CATEGORY B	75.8	3.0		932	62.6	1.6		940	70.9	1.4	.1	939	91.5	6.5		934

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	96.7	14.6		930	96.7	11.7	.2	930	82.0	3.1		930	86.8	4.4		930
CATEGORY B	96.7	15.1	.1	931	96.7	12.0	.5	930	82.0	3.1		930	86.8	4.4		932

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	87.6	7.3	.0	4650	82.8	5.6	.0	7440
CATEGORY B	87.5	7.6	.2	4664	82.8	5.9	.1	7468

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 724837 STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	65.3	5.1		900	59.7	1.8		900	68.1	3.2		900	89.8	6.6		900
CATEGORY B	65.6	5.5	.1	908	60.0	2.1		912	68.8	3.9		926	90.0	8.3	.4	918

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	93.7	13.8		900	91.9	9.0	.2	900	72.4	3.9	.2	900	73.4	5.3		900
CATEGORY B	93.7	15.0	.7	918	91.9	9.2	.3	910	72.7	4.2	.2	912	73.6	5.9	.1	905

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	83.2	7.3	.1	4500	76.0	6.1	.1	7200
CATEGORY B	83.4	8.1	.3	4584	77.0	6.8	.2	7309

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	63.2	3.9		930	61.1	2.0		930	64.1	2.3		930	84.4	3.3	.1	930
CATEGORY B	63.6	4.0		940	61.7	2.4		952	64.9	2.7	.1	958	84.7	4.2	.2	953

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	90.2	8.6		930	80.0	4.5		930	68.0	3.5		930	66.8	5.6	.2	930
CATEGORY B	90.3	9.6	.3	946	80.4	5.5	.1	958	68.4	3.7		948	67.0	6.2	.2	946

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	77.3	4.5	.0	4650	72.2	4.2	.0	7440
CATEGORY B	77.7	5.1	.1	4763	72.6	4.8	.1	7601

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	65.2	6.8		900	69.6	5.0		900	64.8	5.2	.1	900	82.6	6.1	.1	900
CATEGORY B	66.3	7.6	.1	947	70.8	5.7		948	67.3	6.5	.2	981	83.0	7.4	.6	960

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	88.4	7.9	.1	900	77.0	6.1	.1	900	70.0	5.8		900	68.4	4.1	.1	900
CATEGORY B	88.7	9.8	.4	946	77.6	7.8	.6	937	70.7	6.1	.4	925	69.3	4.7	.1	935

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	76.6	6.2	.1	4500	73.3	5.9	.1	7200
CATEGORY B	77.4	7.5	.5	4749	74.2	7.0	.3	7579

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	68.3	6.1	.1	930	68.1	6.7		930	67.5	5.9		930	78.3	7.1	.5	930
CATEGORY B	68.5	6.1	.1	990	69.4	7.1	.4	1002	68.4	6.8	.2	1043	78.7	8.6	1.4	1069

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	84.6	10.2	.8	930	76.8	7.4	.4	930	68.5	5.6	.2	930	67.8	4.8		930
CATEGORY B	84.3	12.0	2.1	1019	76.3	8.1	.7	990	69.1	6.2	.7	981	68.5	5.1	.4	987

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	75.1	7.2	.4	4650	72.5	6.7	.3	7440
CATEGORY B	75.4	8.3	1.0	5102	72.9	7.5	.8	8081

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JUN 80 - MAY 90
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	72.5	5.5	.0	10956	67.5	4.5	.0	10956	72.3	4.7	.0	10956	87.4	7.4	.1	10956
CATEGORY B	72.8	6.0	.2	11242	68.2	5.0	.2	11340	72.9	5.4	.1	11573	87.5	8.7	.4	11525

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	92.1	13.9	.2	10956	87.8	11.6	.3	10954	77.0	6.0	.1	10953	77.8	6.8	.1	10953
CATEGORY B	92.7	15.2	.9	11355	87.9	12.7	1.0	11328	77.3	6.5	.4	11237	78.0	7.3	.2	11251

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE 0	GE 5	GE12	OBS	GE 0	GE 5	GE12	OBS
CATEGORY A	83.4	8.7	.2	54775	79.4	7.5	.1	87640
CATEGORY B	83.6	9.7	.6	57018	79.7	8.4	.4	90851

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHH	HHHHHHHH
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	HHHHHHHH	HHHHHHHH
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

H - 1 - 1

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 724837

STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JAN 60 - MAY 90

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1960	585	404	269	172	70					50	360	574	2484
1961	684	374	382	194	91				3	132	361	637	2858
1962	670	466	402	81	29				2	72	297	589	2608
1963	739	246	428	307	56					89	431	753	3049
1964	631	451	431	229	109	23		2	1	16	361	368	2622
1965	614	444	347	236	78	10			22	36	310	741	2838
1966	606	490	351	102	19	9		2	1	75	322	619	2596
1967	595	421	395	445	89	24				36	269	624	2898
1968	657	260	258	154	52	1		4	7	93	378	668	2532
1969	672	507	360	211	21					112	342	476	2701
1970	448	333	294	245	43	7				123	275	549	2317
1973	551	296	354	106	9					97	379	482	2274
1974	491	347	263	213	37					35	325	543	2254
1975	626	369	344	290	46					119	371	534	2699
1976	514	390	363	226		1				36	261	566	2357
1977	695	343	422	78	154	3			5	51	332	456	2539
1978	417	326	176	189	20				10	34	398	681	2251
1979	570	404	268	195	44	1				95	355	512	2444
1980	506	329	354	173	76	16			3	99	296	524	2376
1981	499	396	368	171	39				7	131	249	439	2299
1982	647	357	369	227	23	11			19	92	452	581	2778
1983	604	293	298	235	69					7	312	395	2213
1984	470	380	180	186	22	10			10	217	443	627	2545
1985	717	396	429	103	66	8			35	173	512	698	3137
1986	443	324	204	195	56				43	45	255	577	2142

H - 2 - 1

1987	605	388	336	85	28				46	372	548	2408
1988	538	346	280	185	122	25			26	331	570	2423
1989	615	474	296	110	42	1		6	89	288	618	2539
1990	562	504	267	69	29							1431

MEAN	585	381	327	186	53	5		0	6	79	244	569
SD	85.71	69.33	72.28	80.61	35.45	7.96		.90	10.92	49.05	63.90	94.98

H - 2 - 1A

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 724837 STATION NAME: BEALE AFB/MARYSVILLE CA
LST TO UTC: + 8

PERIOD OF RECORD: JAN 60 - MAY 90

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1960			9	19	82	446	556	425	279	42	2		1860
1961				9	17	397	518	458	204	101			1704
1962				52	76	329	437	372	212	30			1508
1963					89	215	346	344	265	45			1304
1964				10	67	225	450	425	265	186		2	1630
1965				29	102	129	364	372	120	68			1184
1966			2	26	107	293	343	453	250	29			1503
1967					128	252	522	552	342	59	4		1859
1968			4	29	98	357	455	301	236	7			1487
1969				3	165	221	483	473	353	17			1715
1970					184	315	534	417	256	61			1767
1973				25	258	396	444	341	296	30			1790
1974				7	149	378	474	477	374	152			2011
1975				1	178	328	474	401	391	61			1834
1976			1	4	192	303	466	299	308	112	4		1689
1977				15	34	378	453	415	252	75			1622
1978			1	9	147	148	377	357	179	125			1343
1979					166	325	452	384	342	94			1763
1980				9	61	146	414	305	204	122			1261
1981				36	119	392	390	353	239	11			1540
1982				2	107	164	336	320	166	23			1118
1983					146	276	349	462	334	97			1664
1984				13	208	254	533	350	273	11			1642
1985				25	58	364	442	258	78	32			1257
1986			4	6	140	312	417	410	129	67	5		1490

H - 3 - 1

1987		48	198	280	268	367	202	79		1442
1988	2	17	81	301	558	396	278	109		1742
1989		52	94	252	410	324	210	52		1394
1990		35	85							120

MEAN		0	16	121	292	438	386	251	67	0	0
SD		1.93	16.22	56.48	83.92	73.12	66.20	77.23	45.43	1.40	.38

H - 3 - 1A

A W S CLIMATIC BRIEF FEB 91	STATION NAME: BEALE AFB/MARYSVILLE CA												FIELD ELEV: 113 FT		
	LATITUDE/LONGITUDE: 39 08 N 121 26 W												STATION MSC: 724837		
	HOURLY OBS POR: JUN 80 - MAY 90												CALL SIGN: KBAB		
	SUMMARY OF DAY POR: JUL 59-MAY 90												SUPERSEDES: FEB 86		
	HOURS SUMMARIZED: 0000 - 2300 LST														
	LST TO UTC: +08														
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)	77	80	85	91	102	111	113	112	106	101	87	75	113	32	
MEAN MAX TEMP (F)	53	60	64	70	80	89	94	92	87	77	62	53	73	32	
MEAN TEMP (F)	46	51	54	59	67	74	79	77	73	64	53	46	62	32	
MEAN MIN TEMP (F)	38	42	44	47	53	60	63	62	58	51	44	39	50	32	
EXTRM MIN TEMP (F)	22	21	26	34	37	46	50	49	42	35	27	20	20	32	
D/W TEMP GE 100 (F)	0	0	0	0	#	4	7	4	2	#	0	0	17	32	
D/W TEMP GE 90 (F)	0	0	0	#	5	14	24	21	12	2	0	0	78	32	
D/W TEMP LT 40 (F)	19	10	6	2	#	0	0	0	0	1	8	18	64	32	
D/W TEMP LT 33 (F)	7	2	1	0	0	0	0	0	0	0	1	6	17	32	
HEATING DEGREE DAYS	585	381	327	186	53	5	0	#	6	79	344	569	2535	31	
COOLING DEGREE DAYS	0	0	#	16	121	292	438	386	251	67	#	#	1571	31	
MEAN DEWPOINT TEMP (F)	38	40	43	43	45	49	50	51	48	46	41	38	44	10	
MEAN WET BULB TEMP (F)	42	45	48	51	55	59	62	61	58	53	47	42	52	10	
99.95% WCPA (FT)	450	450	500	400	450	450	450	450	450	350	450	400	550	10	
MEAN REL HUM 07 LST(%)	83.1	78.4	77.5	69.5	60.6	57.6	52.8	58.5	62.1	70.6	77.4	80.8	69.0	10	
MEAN REL HUM 13 LST(%)	70.2	57.7	56.8	45.2	35.8	33.3	31.5	33.7	36.9	42.9	57.8	68.4	47.5	10	
MAX 24HR PRECIP (IN)	2.94	3.48	2.46	2.20	1.17	.70	1.83	1.03	1.98	5.52	3.16	2.16	5.52	32	
MAX PRECIP (IN)	9.51	10.33	7.93	5.94	2.74	1.39	1.86	1.03	2.73	11.01	8.92	7.83	38.48	32	
MEAN PRECIP (IN)	4.10	3.35	3.21	1.70	.50	.21	.07	.10	.46	1.37	3.93	3.03	22.16	32	
MIN PRECIP (IN)	.42	.17	.18	.02	.00	.00	.00	.00	.00	.00	#	.00	8.37	32	
D/W PRECIP GE .01 (IN)	10	8	9	6	3	1	1	1	2	4	8	9	62	32	
D/W PRECIP GT .50 (IN)	3	2	2	1	1	#	#	#	1	1	3	2	16	32	
MAX 24HR SNFL (IN)	.6	.4	#	0	0	0	0	0	0	0	#	1.5	1.5	32	
MAX SNFL (IN)	.6	.4	#	0	0	0	0	0	0	0	#	1.5	1.5	32	
MEAN SNFL (IN)	#	#	#	0	0	0	0	0	0	0	#	#	.1	32	
D/W SNFL GE .1 (IN)	#	#	0	0	0	0	0	0	0	0	0	#	#	32	
D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	#	#	32	
MAX DLY SNO DEPTH (IN)	#	0	#	0	0	0	0	0	0	0	0	1	1	32	
PRVING WND DIR (DEG)	\$14-16	\$14-16	14-16	14-16	14-16	17-19	17-19	17-19	\$17-19	\$32-34	\$14-16	\$32-34	\$14-16	10	
MEAN WND SPD (KTS)	4	4	5	5	5	5	4	4	4	3	4	4	4	10	
MAX WND SPD (KTS)	51	54	44	46	37	38	33	30	42	46	56	58	58	32	
SKY COVER GT 5/10 (%)	63.2	49.9	52.5	43.2	30.3	21.6	11.6	10.8	19.0	27.5	50.5	60.5	36.6	10	
D/W THUNDERSTORMS	1	1	1	1	1	1	1	1	1	1	1	1	12	32	
D/W FOG (VSBY LT 7 MI)	20	10	6	2	1	1	#	1	1	4	13	20	79	32	
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	29.4	5.6	3.4	2.1	.5	.0	.0	.0	1.0	1.6	9.6	33.2	7.2	10
	03 - 05	34.2	6.6	4.1	2.2	1.0	.0	.0	.4	1.1	1.7	11.6	34.6	8.1	10
	06 - 08	37.1	9.6	8.3	5.0	2.0	.9	.2	1.0	2.7	3.1	16.9	36.8	10.3	10
	09 - 11	37.0	9.6	9.2	5.6	2.4	.3	.0	.5	2.7	3.5	18.3	36.5	10.5	10
	12 - 14	29.8	6.4	7.0	3.4	1.2	.4	.0	.0	1.9	1.5	14.4	29.6	8.0	10
	15 - 17	21.8	5.6	5.1	2.1	.5	.0	.0	.0	.9	1.6	9.9	25.3	6.1	10
	18 - 20	23.0	5.2	3.3	1.3	.0	.0	.0	.0	.0	.6	8.1	27.0	5.7	10
	21 - 23	25.5	4.4	2.8	1.6	.3	.0	.0	.0	.0	.6	8.3	31.4	6.2	10
	ALL	29.7	6.6	5.4	2.9	1.0	.2	.0	.2	1.3	1.8	12.1	31.8	7.8	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	26.3	3.7	1.6	.6	.0	.0	.0	.0	.4	1.1	6.7	28.0	5.7	10
	03 - 05	30.9	4.3	2.9	.8	.0	.0	.0	.3	.8	1.3	8.8	29.9	6.7	10
	06 - 08	33.5	7.7	5.1	2.9	.5	.2	.0	.6	1.2	2.0	13.8	32.2	8.3	10
	09 - 11	32.7	7.7	5.1	1.9	.9	.2	.0	.1	1.6	2.3	13.1	31.6	8.1	10
	12 - 14	25.8	3.7	3.5	.4	.5	.3	.0	.0	.9	.5	10.3	25.2	5.9	10
	15 - 17	19.2	3.0	1.6	.1	.0	.0	.0	.0	.8	1.0	8.3	21.7	4.6	10
	18 - 20	20.5	3.4	1.7	.4	.0	.0	.0	.0	.0	.2	5.7	24.0	4.7	10
	21 - 23	22.4	2.6	1.6	.6	.0	.0	.0	.0	.0	.2	5.4	27.4	5.0	10
	ALL	26.4	4.5	2.9	1.0	.2	.1	.0	.1	.7	1.1	9.0	27.5	6.2	10
	CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	23.0	1.5	1.2	.0	.0	.0	.0	.0	.0	.8	4.4	24.7	4.6
03 - 05		26.7	2.1	2.0	.1	.0	.0	.0	.0	.2	.9	6.1	25.9	5.3	10
06 - 08		28.8	4.6	3.1	1.3	.4	.1	.0	.1	.4	1.3	9.1	28.6	6.5	10
09 - 11		27.0	5.3	1.6	.8	.3	.0	.0	.0	.8	1.3	9.0	26.3	6.0	10
12 - 14		20.1	1.7	1.6	.1	.0	.0	.0	.0	.2	.3	6.1	18.3	4.0	10
15 - 17		14.9	.8	1.1	.0	.0	.0	.0	.0	.2	.7	3.8	15.2	3.0	10
18 - 20		17.4	.9	1.0	.0	.0	.0	.0	.0	.0	.1	4.1	18.9	3.5	10
21 - 23		19.2	.9	1.2	.0	.0	.0	.0	.0	.0	.1	4.3	23.0	4.1	10
ALL		22.2	2.2	1.6	.3	.1	.0	.0	.0	.2	.6	5.9	22.6	4.7	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI		00 - 02	12.4	.6	.4	.0	.0	.0	.0	.0	.0	.0	1.0	14.6	2.4
	03 - 05	14.6	1.3	.8	.1	.0	.0	.0	.0	.0	.4	1.3	16.9	2.9	10
	06 - 08	16.0	3.4	1.2	.2	.0	.0	.0	.0	.0	.2	2.9	15.7	3.3	10
	09 - 11	10.3	1.2	.0	.0	.0	.0	.0	.0	.0	.3	.8	11.9	2.0	10
	12 - 14	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.9	.6	10
	15 - 17	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	.4	10
	18 - 20	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.8	1.2	10
	21 - 23	8.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.3	12.8	1.8	10
	ALL	8.7	.8	.3	.0	.0	.0	.0	.0	.0	.1	.8	11.4	1.9	10
	HURRICANES/TROPICAL STORMS OBSERVED : NONE														
REMARKS : @															